

FIGURE 1
(PRIOR ART)

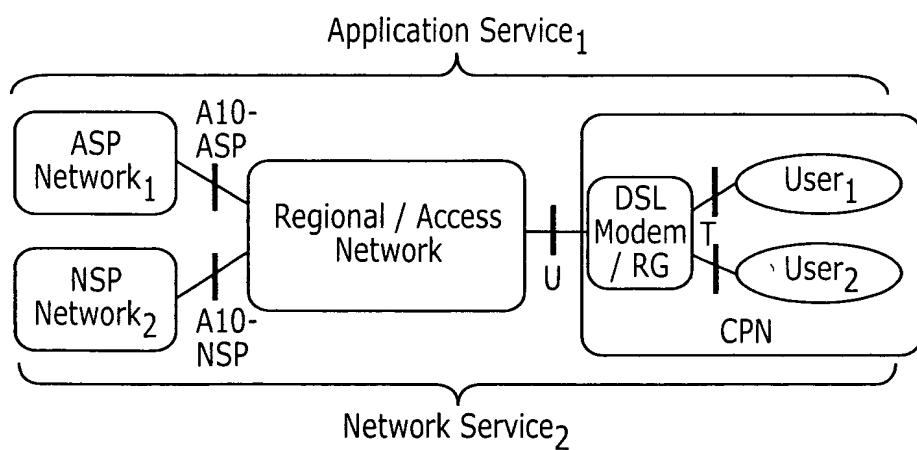


FIGURE 2
(PRIOR ART)

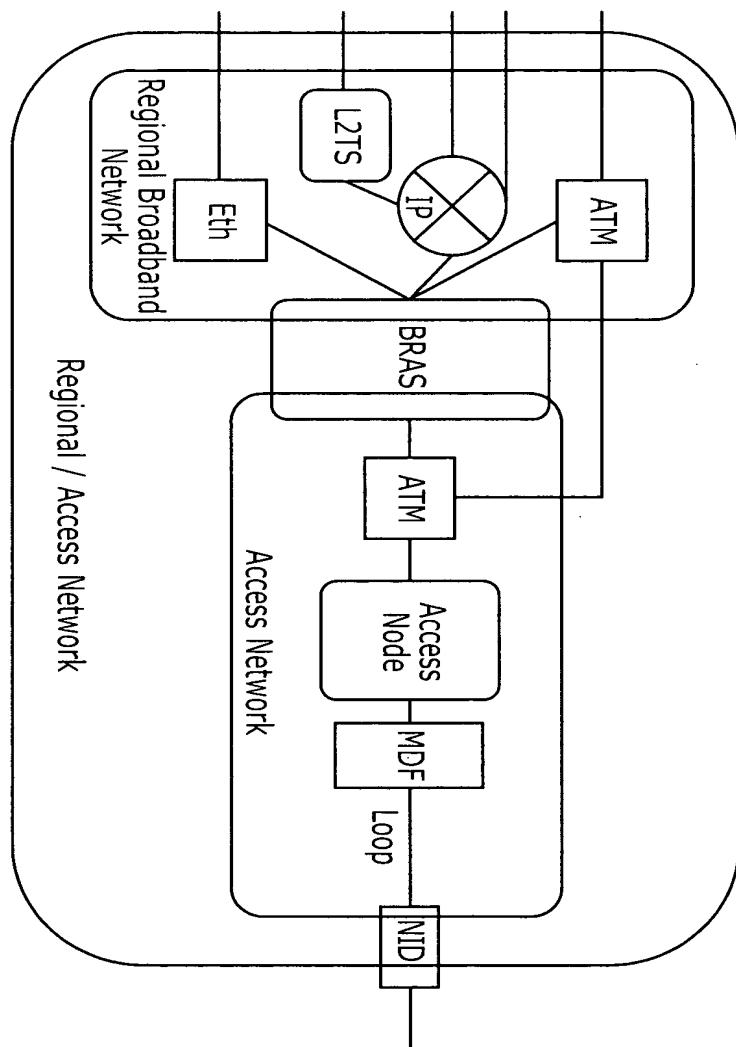


FIGURE 3
(PRIOR ART)

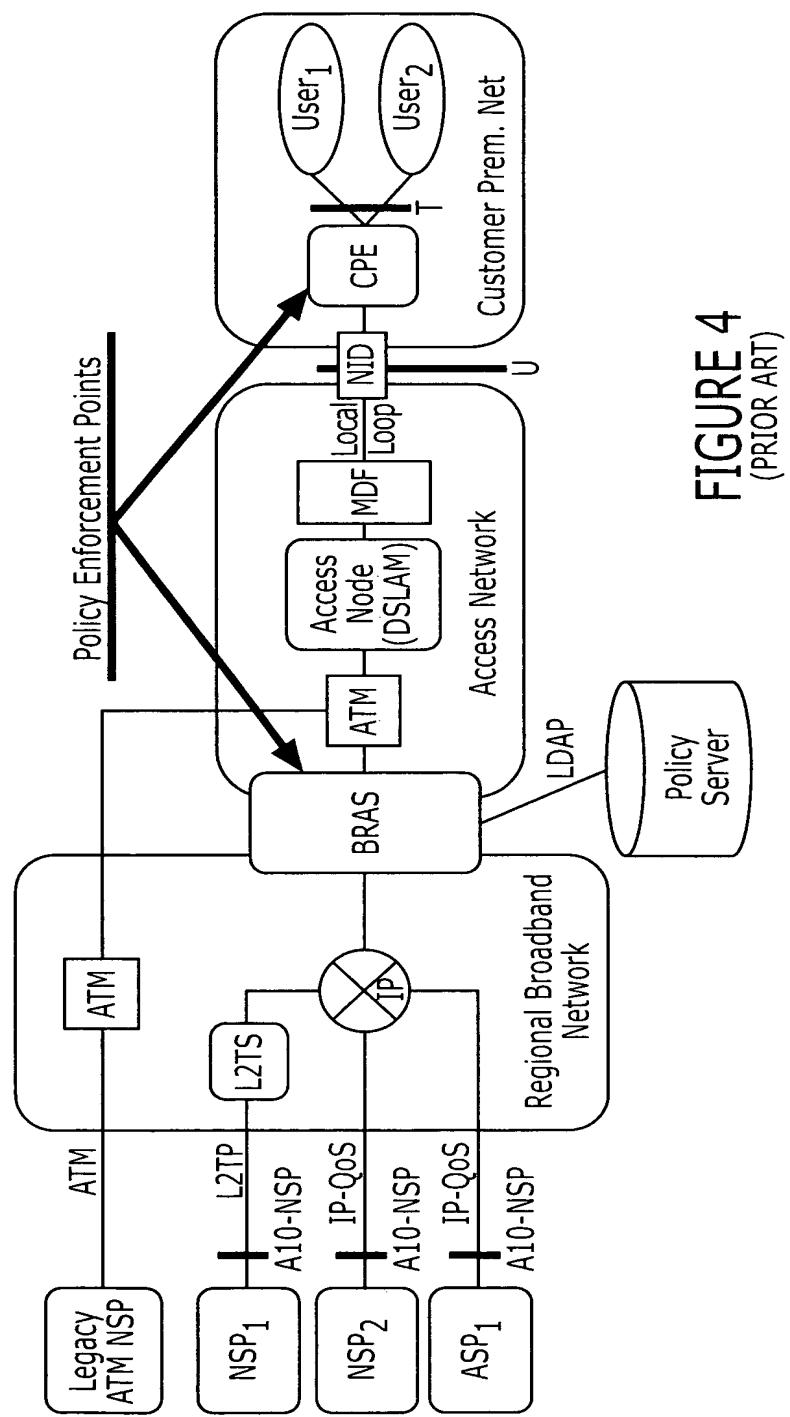


FIGURE 4
(PRIOR ART)

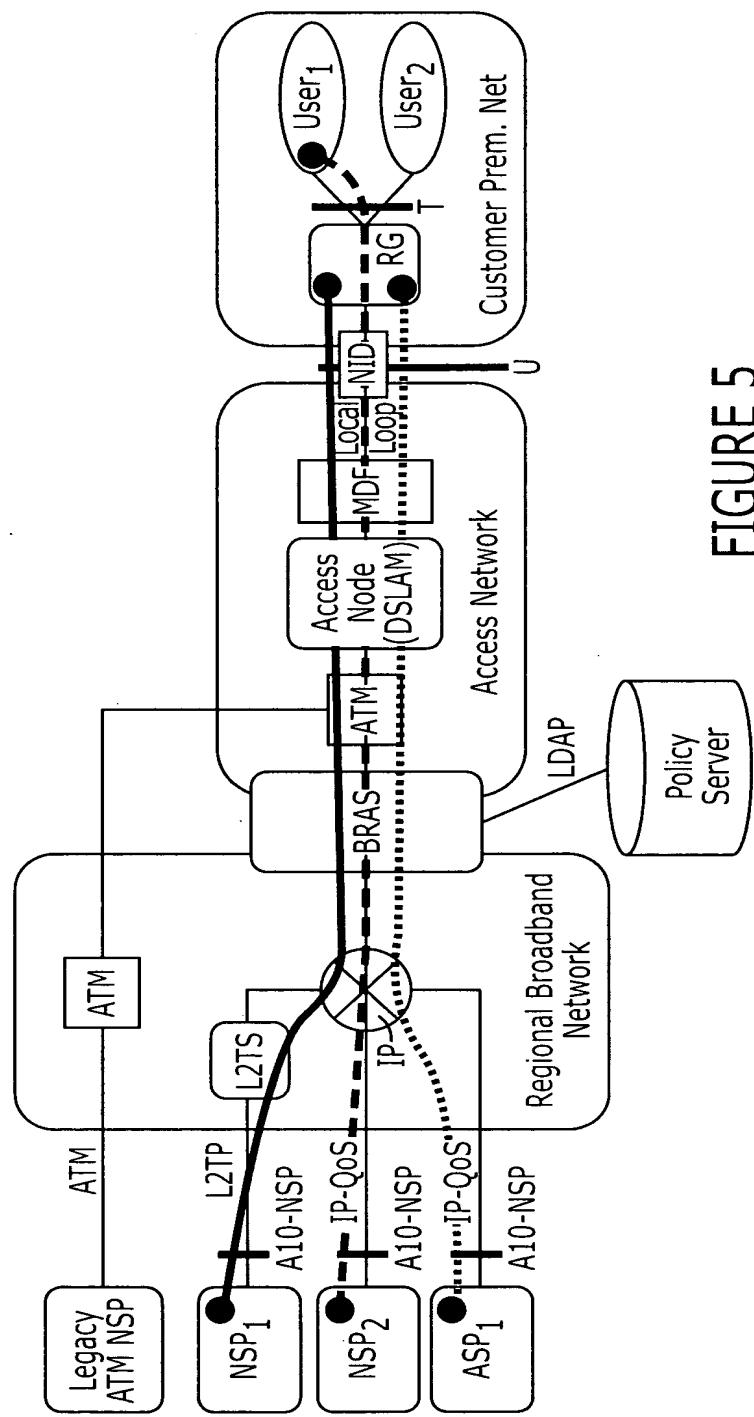


FIGURE 5

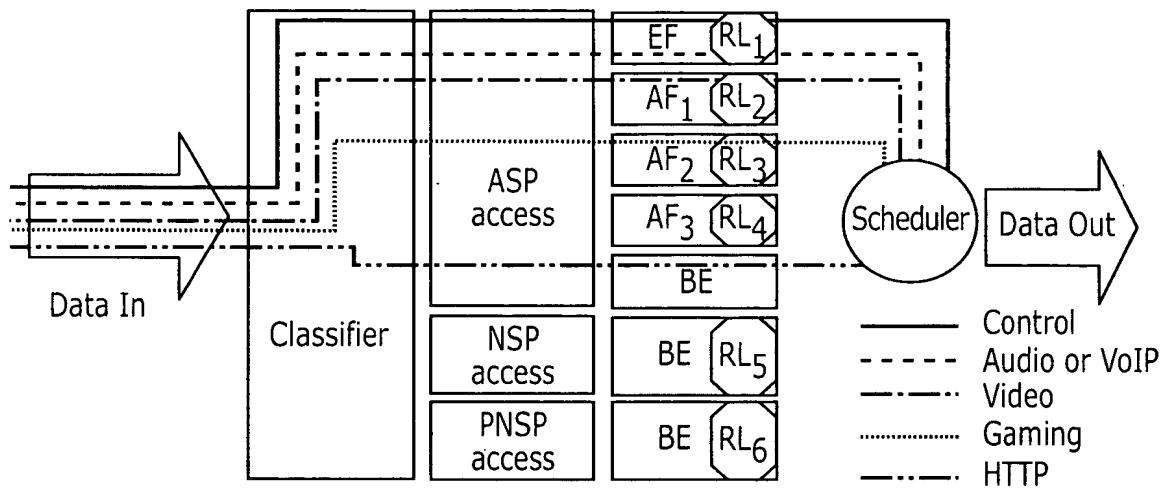


FIGURE 6

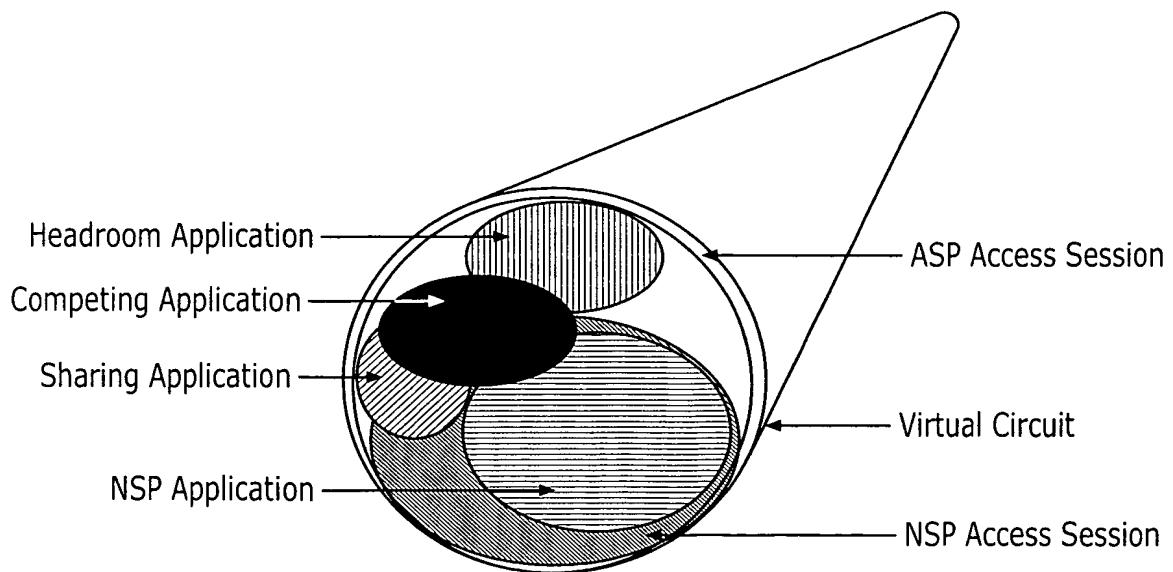
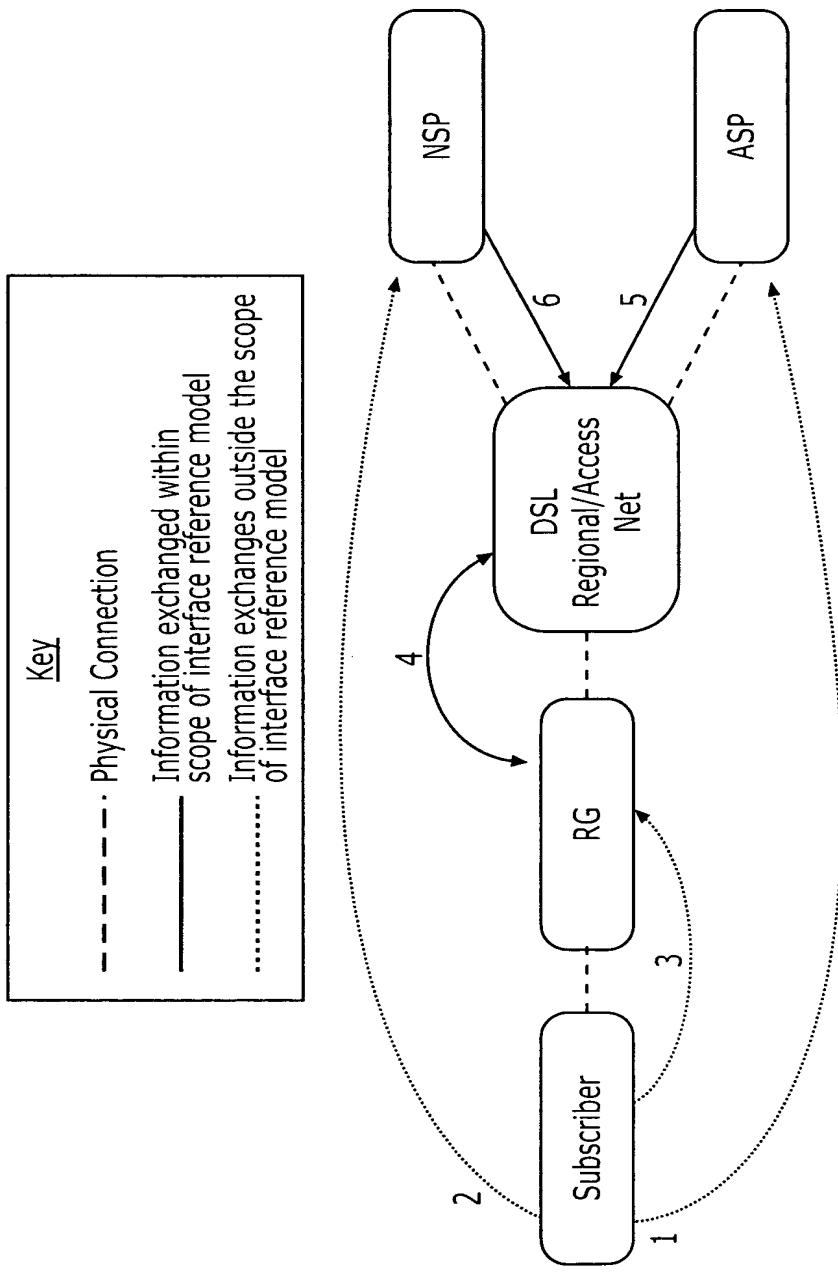


FIGURE 7



- 1,2: The subscriber exchanges information with the A/NSP when signing up for a service
- 3: The subscriber configures the RG. This may only be for the initial install. The ACS located within the Regional/Access Network may handle all subsequent config changes
- 4: The RG initiates access sessions that are terminated in the DSL network. The ACS communicates with the RG for the configuration updates.
- 5,6: The NSP communicates with the DSL network to establish a DSL connection. The ASP and NSP also communicate bandwidth and QoS changes per session or application.

FIGURE 8

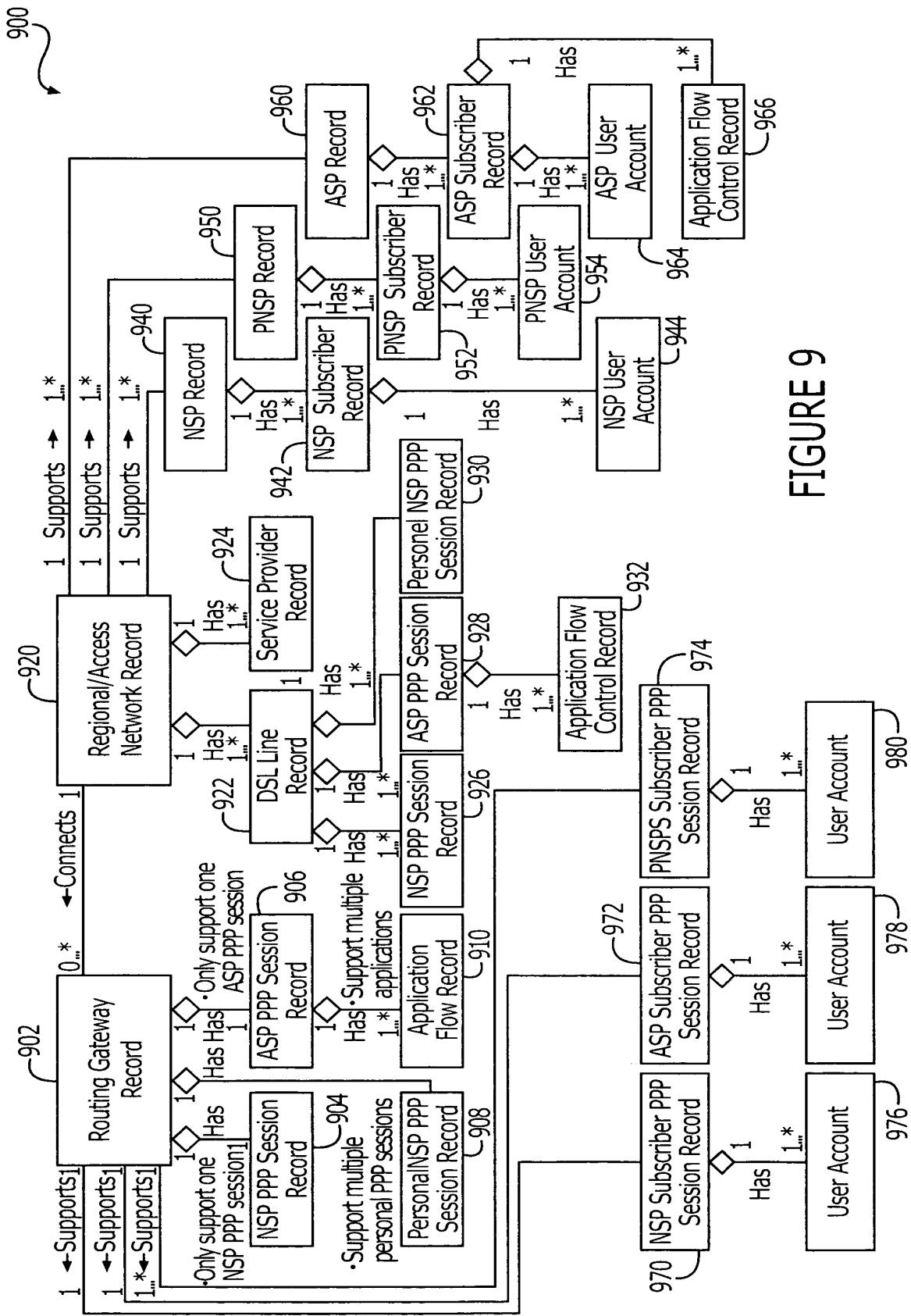


FIGURE 9

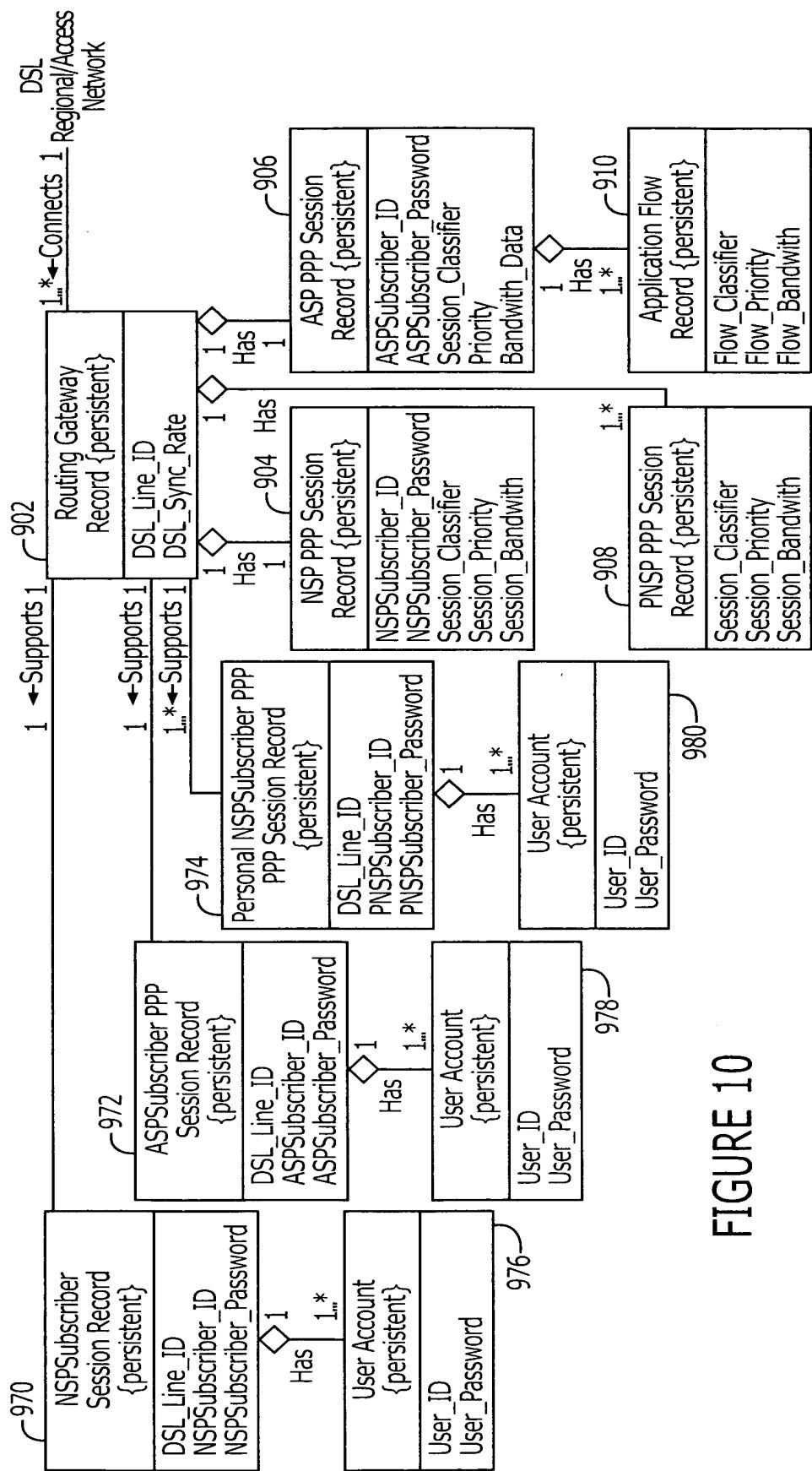


FIGURE 10

FIGURE 11A

FIGURE 11B

FIGURE 11

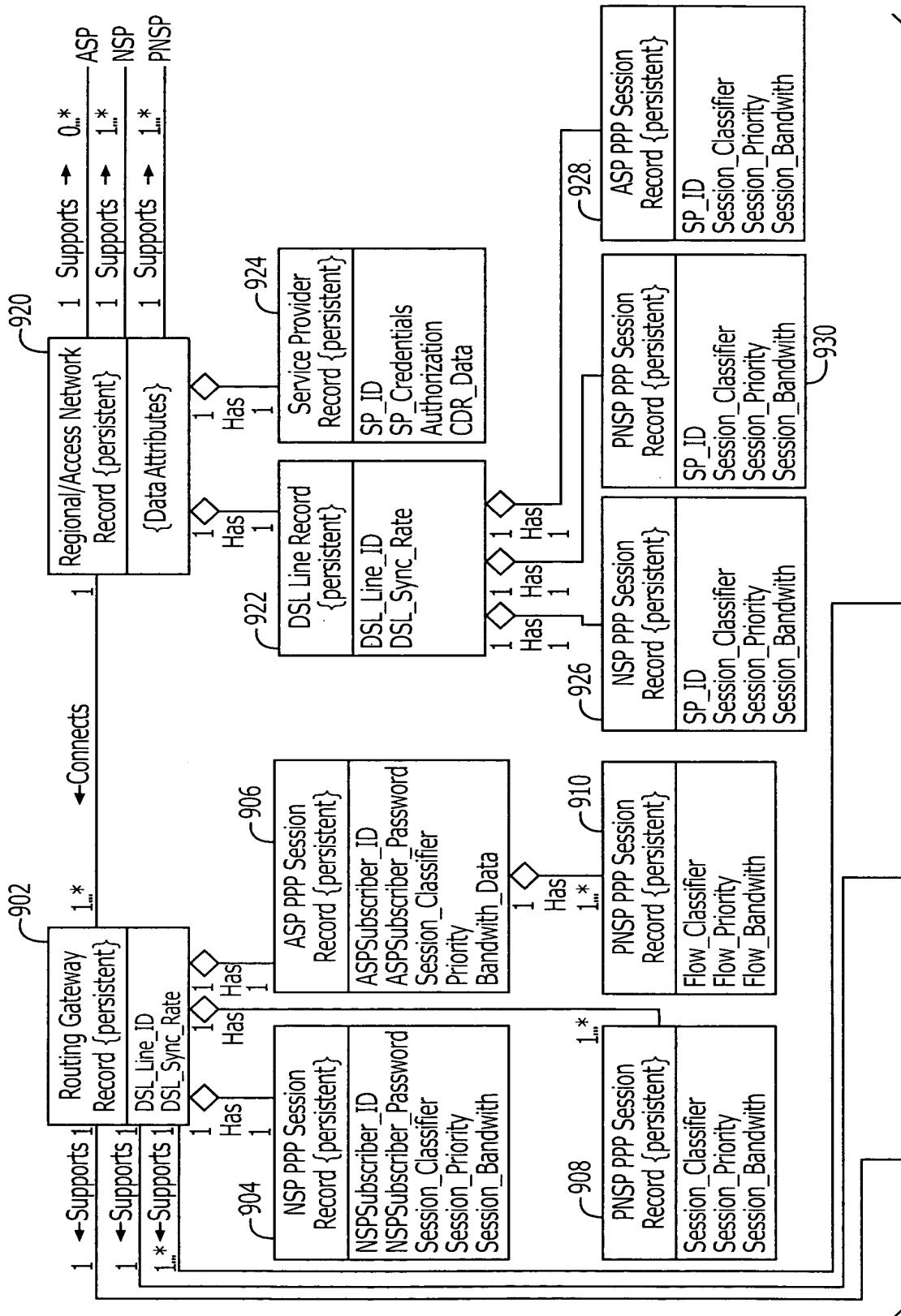


FIGURE 11A

FIGURE 11B

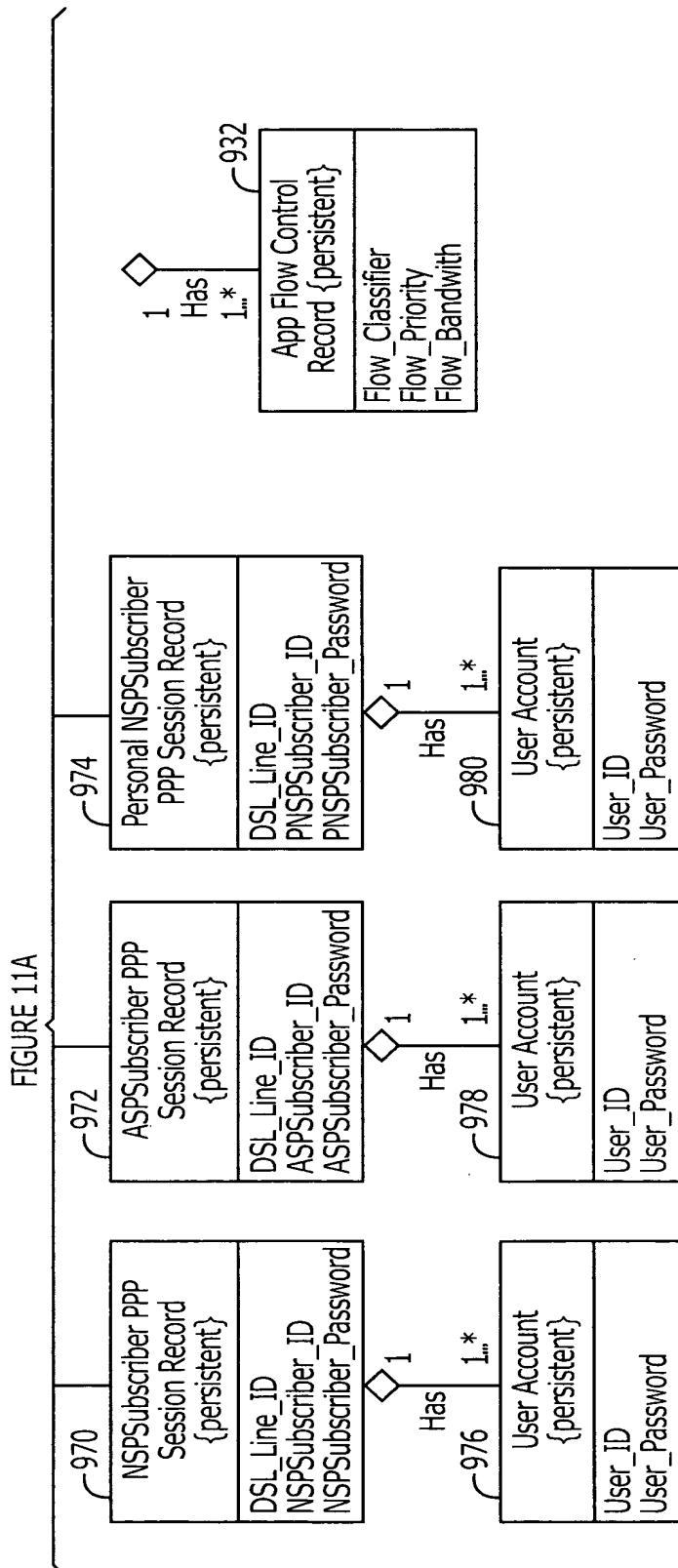


FIGURE 11B

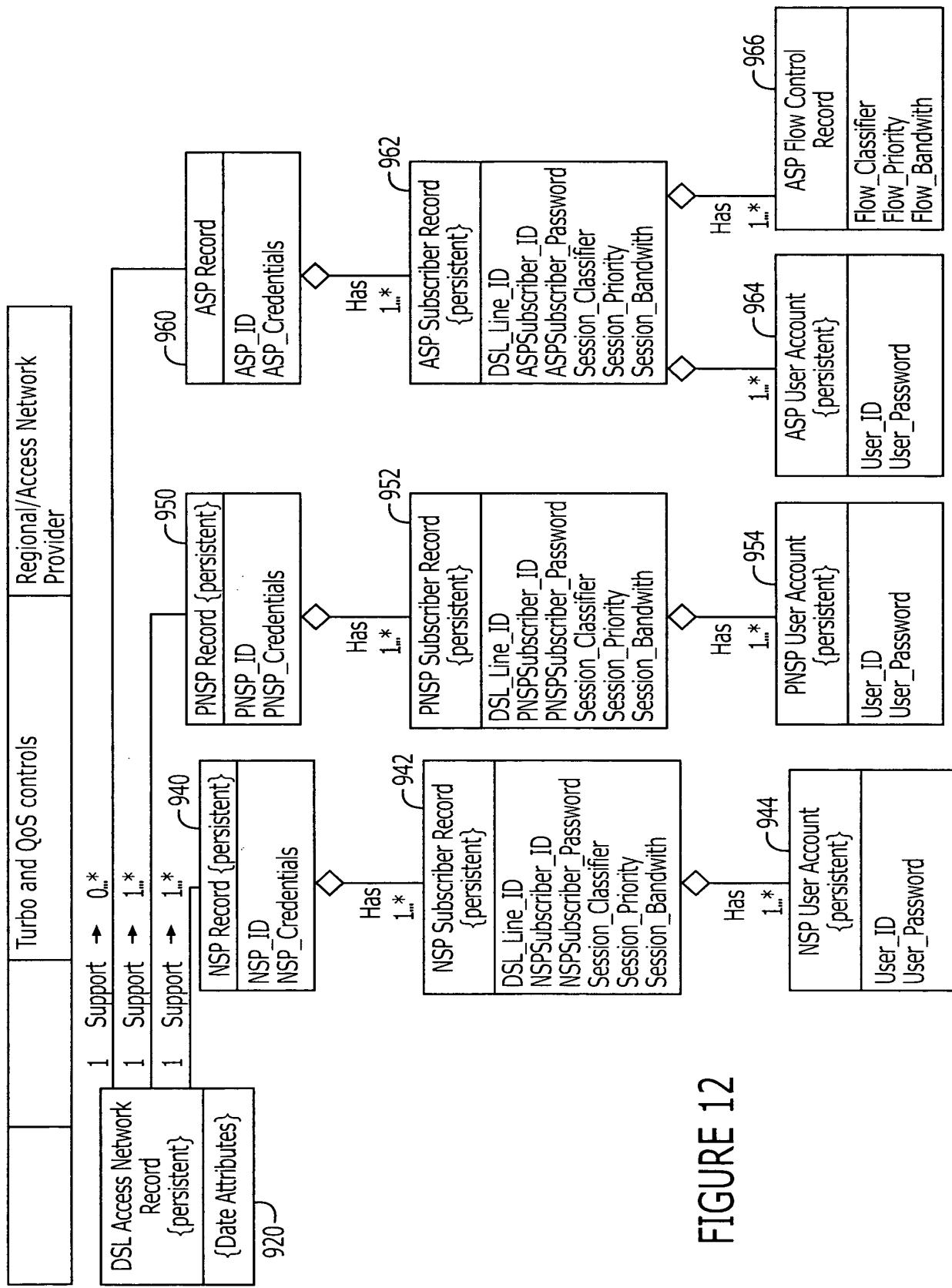


FIGURE 12

FIGURE 13

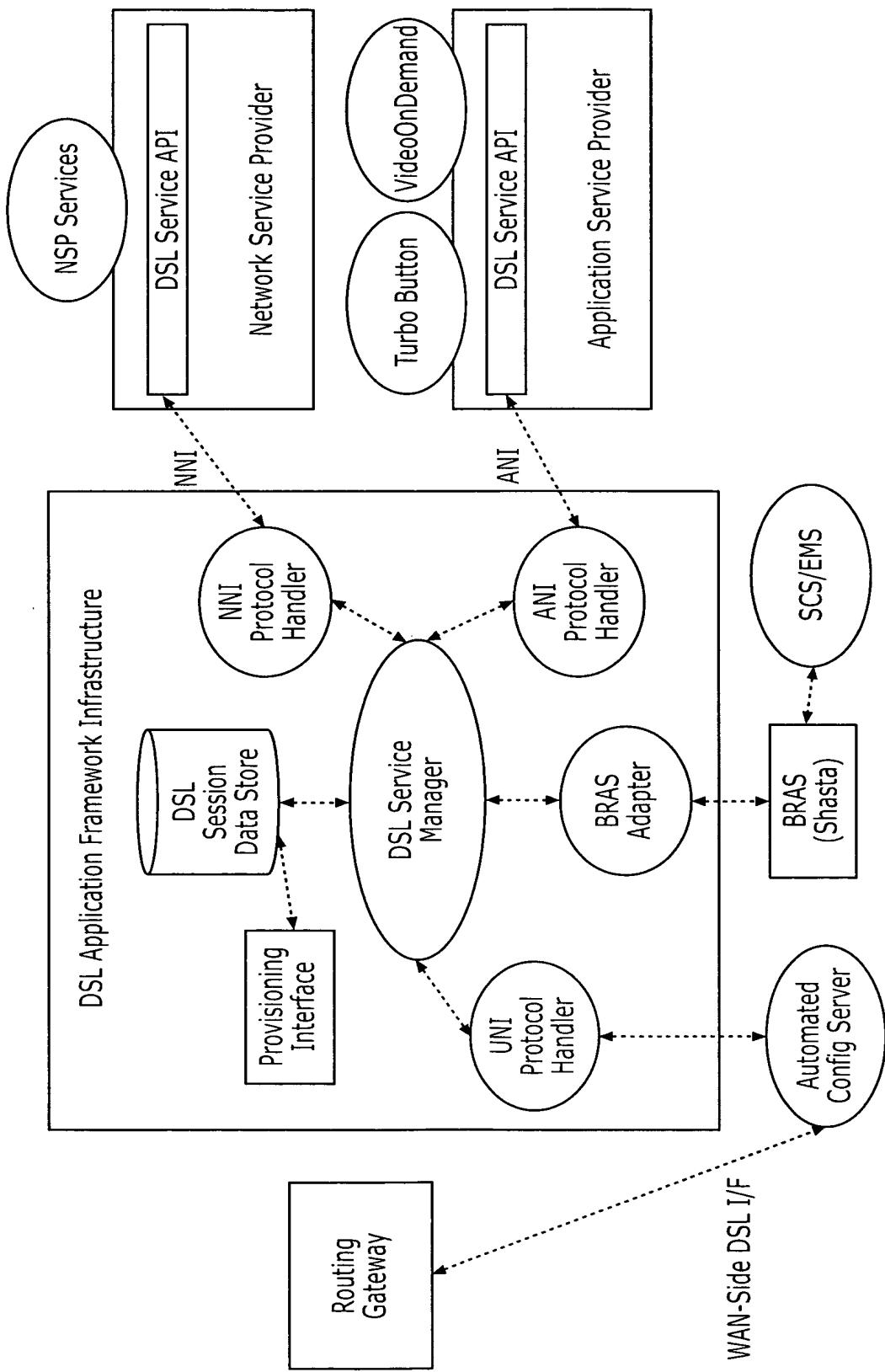


FIGURE 14

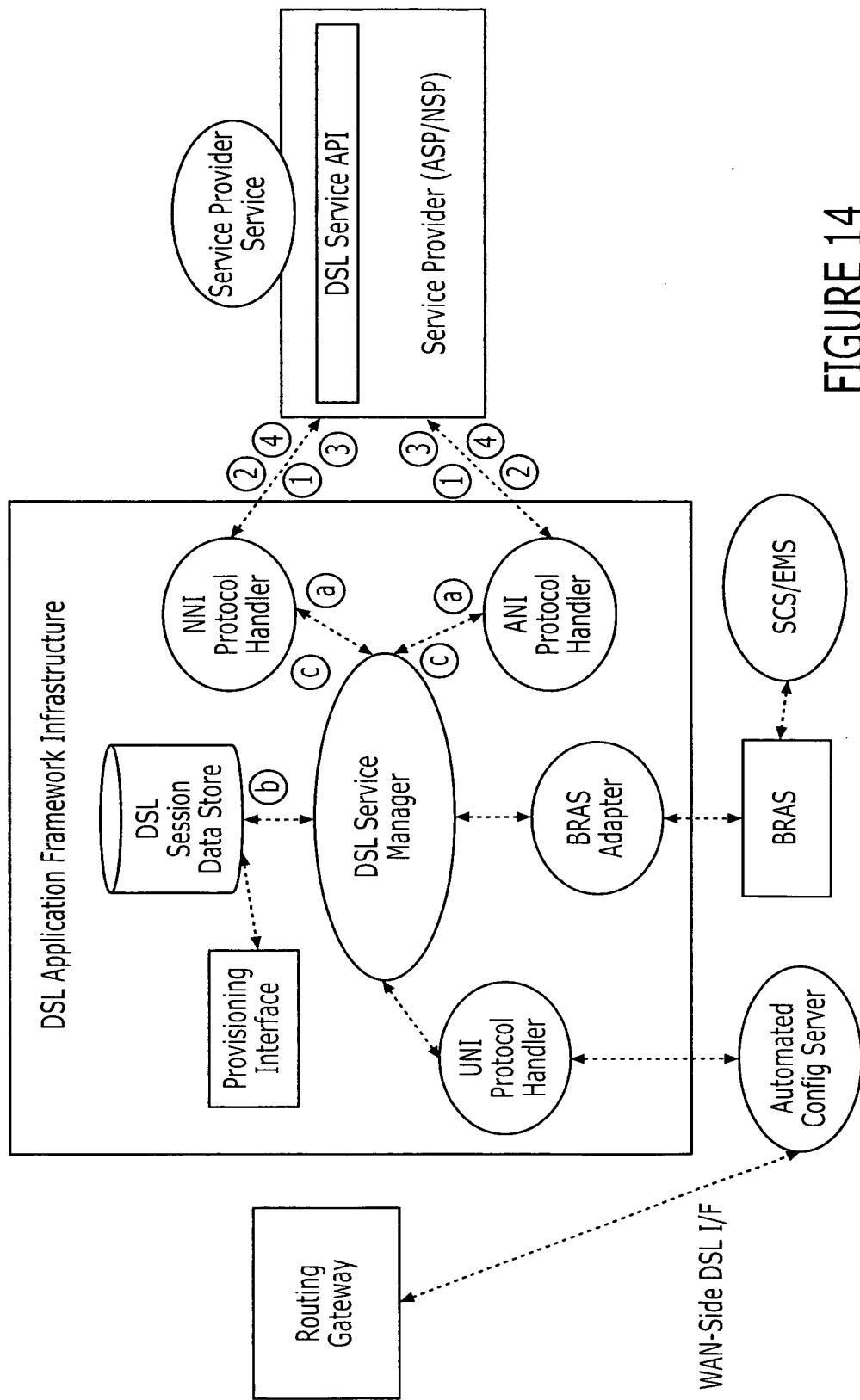


FIGURE 15

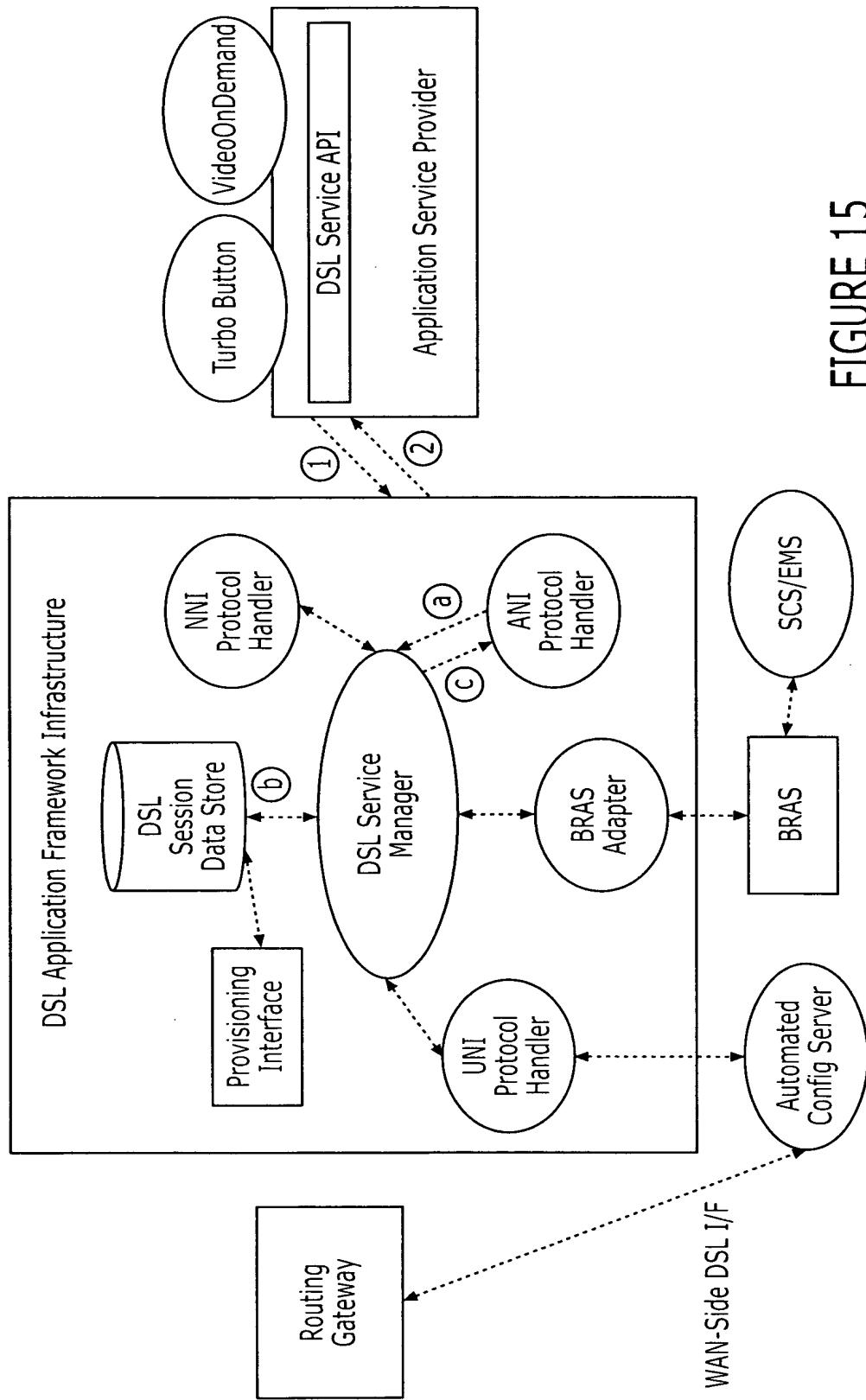


FIGURE 16

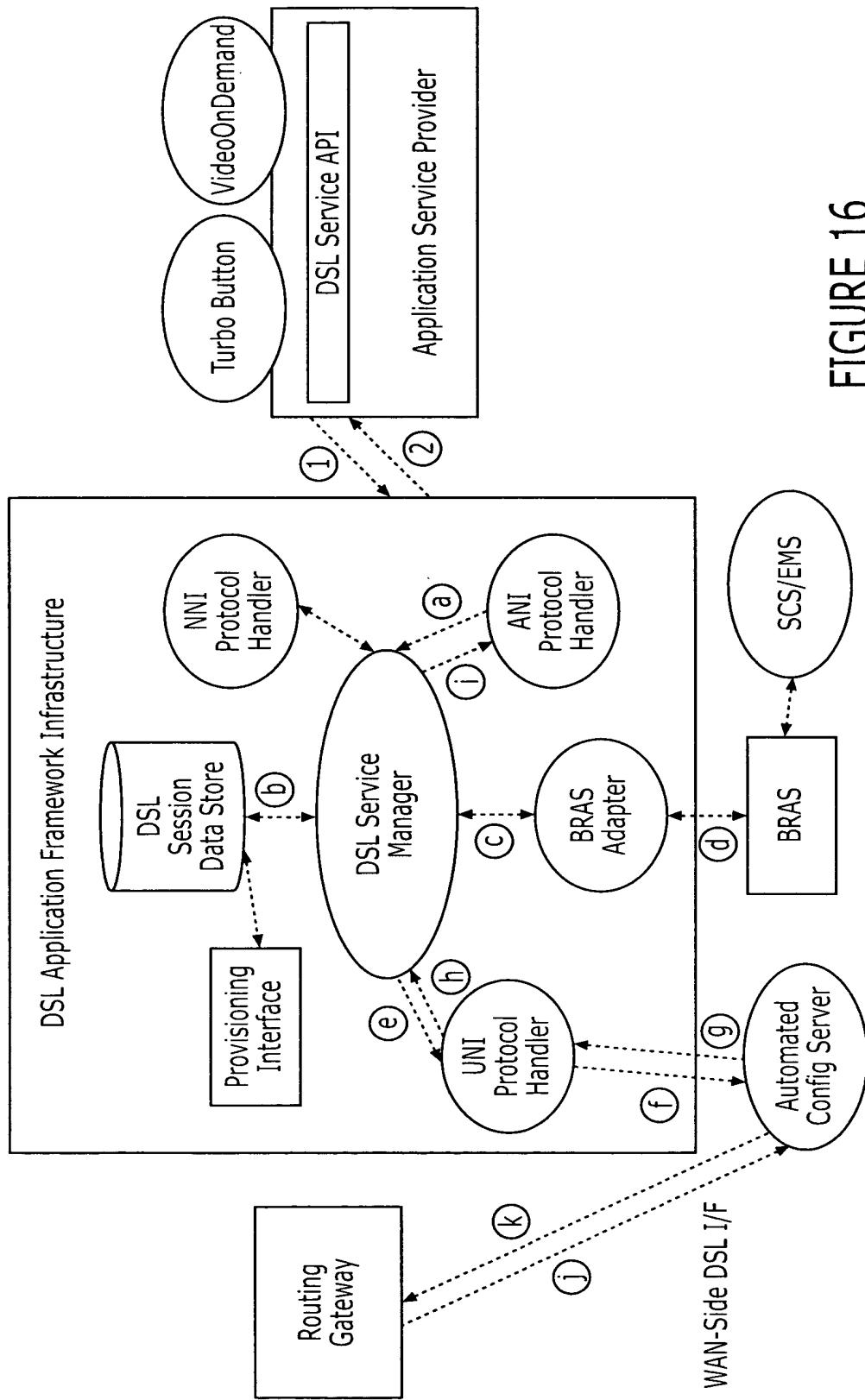


FIGURE 17

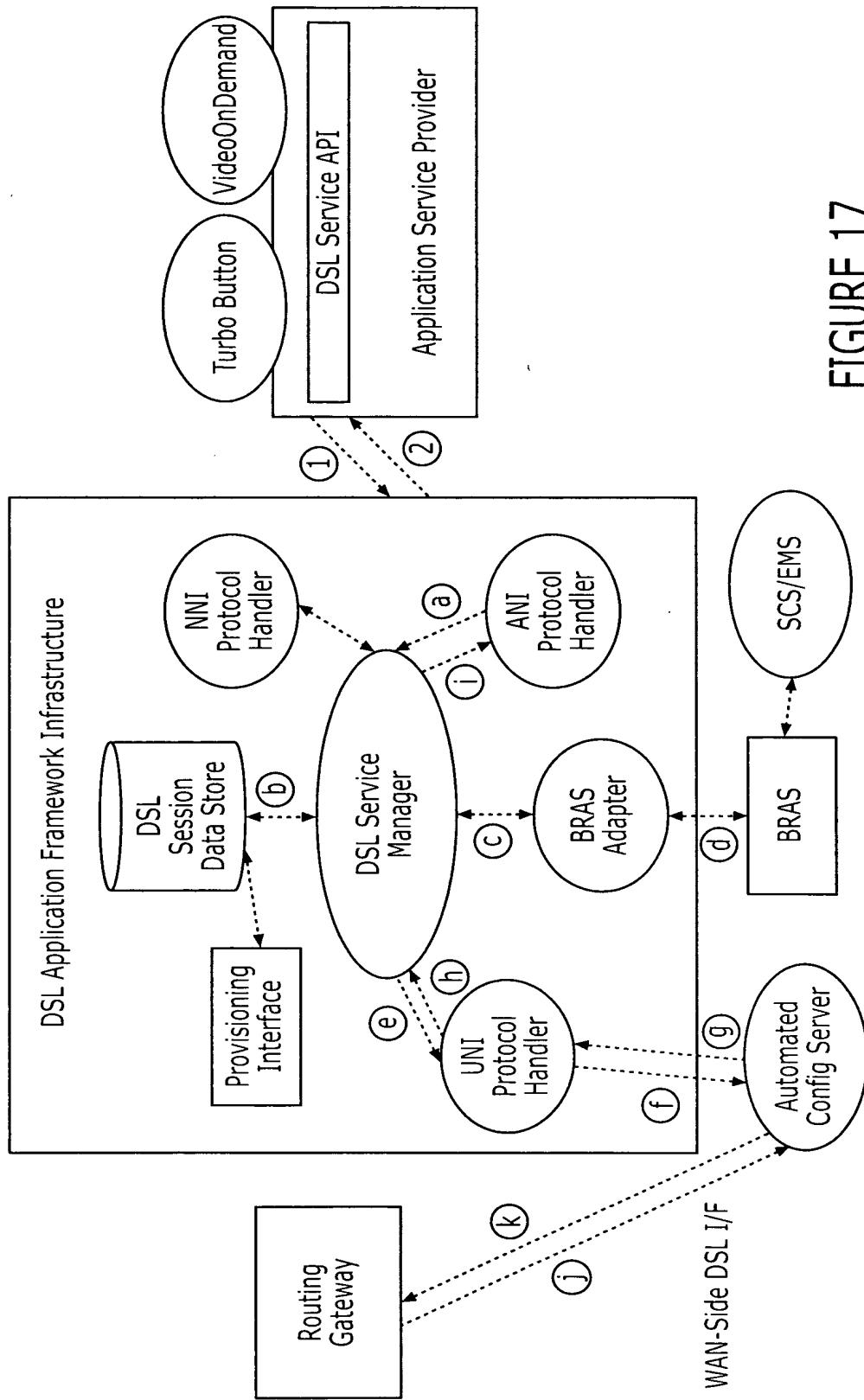


FIGURE 18

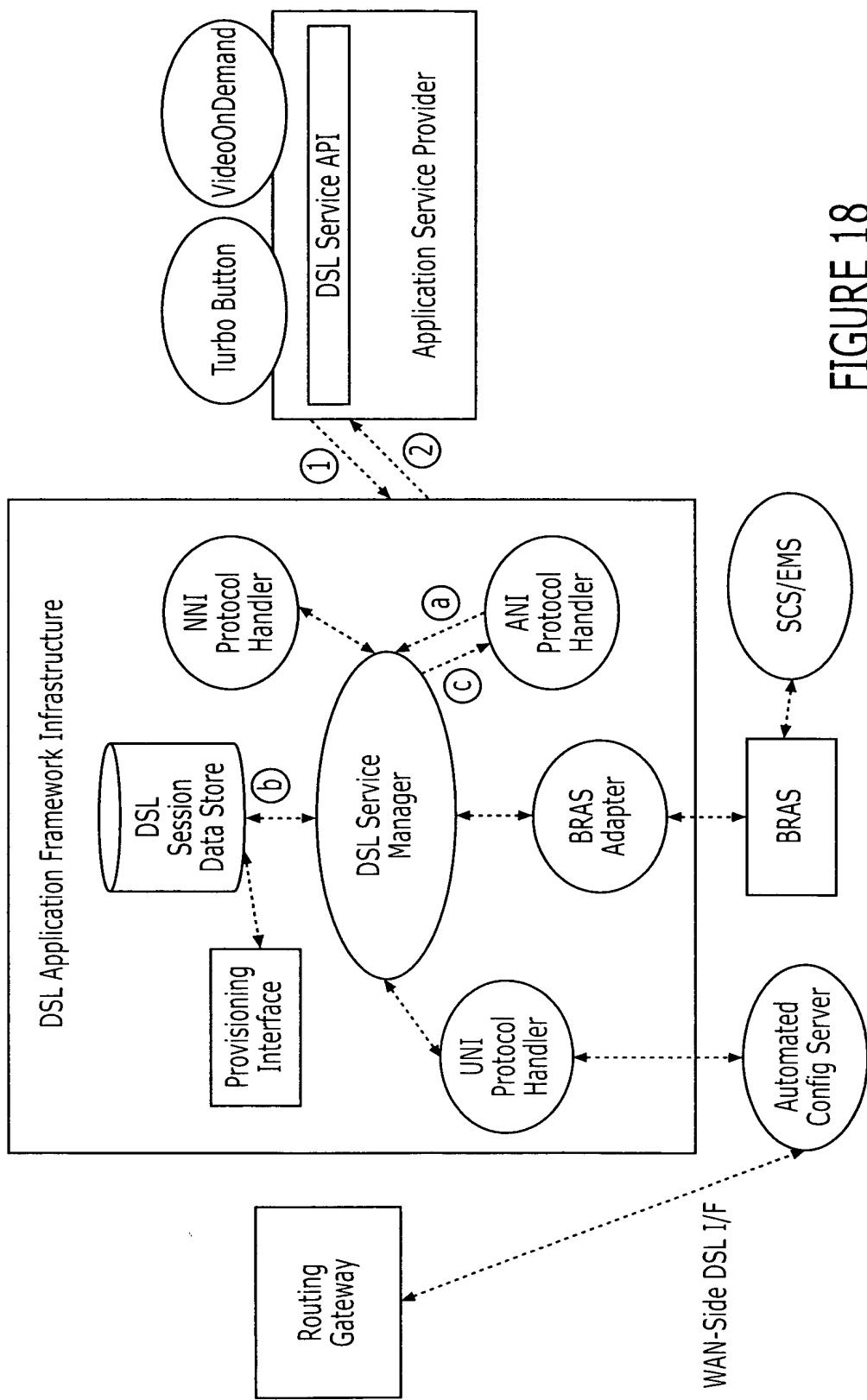


FIGURE 19

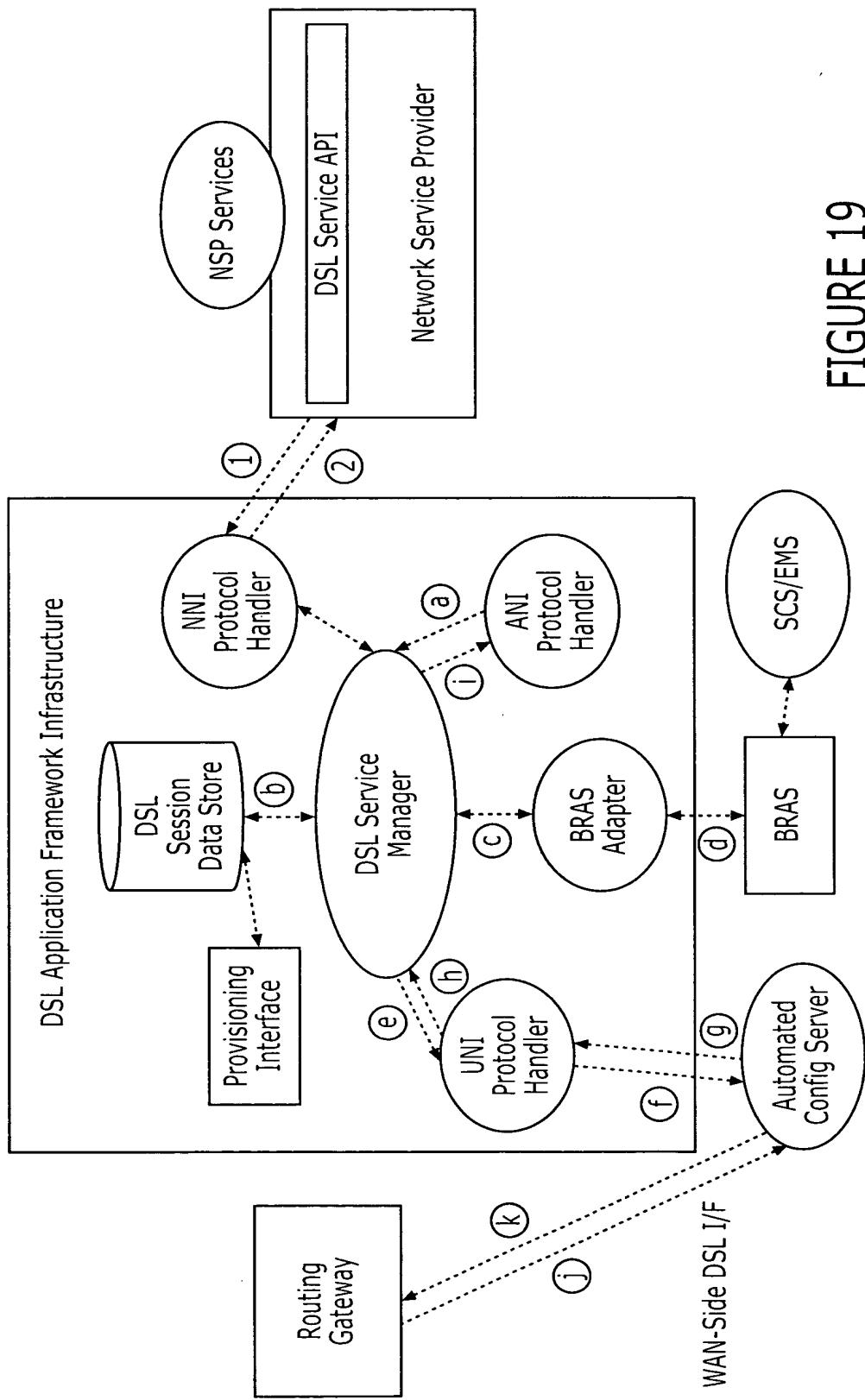
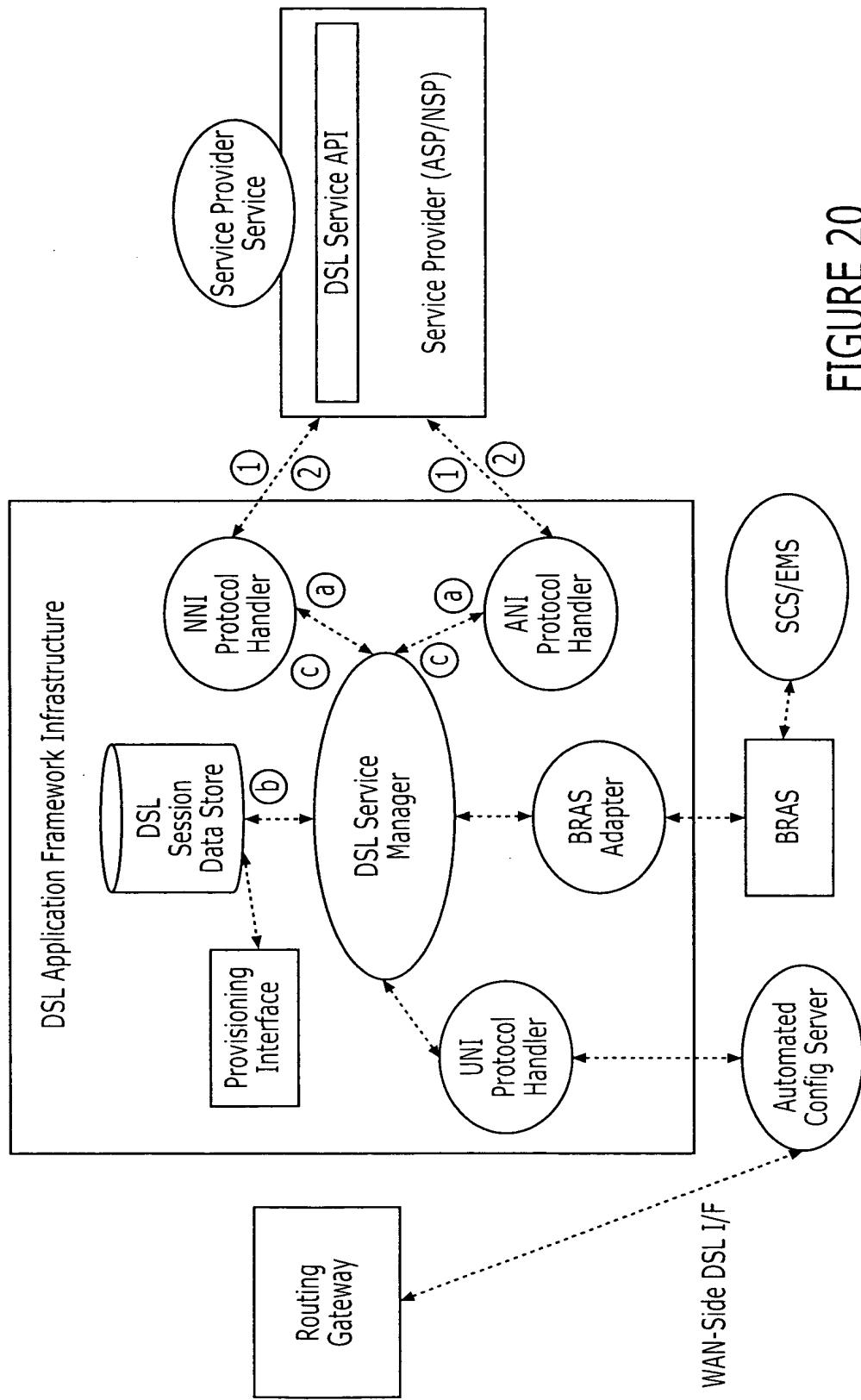


FIGURE 20



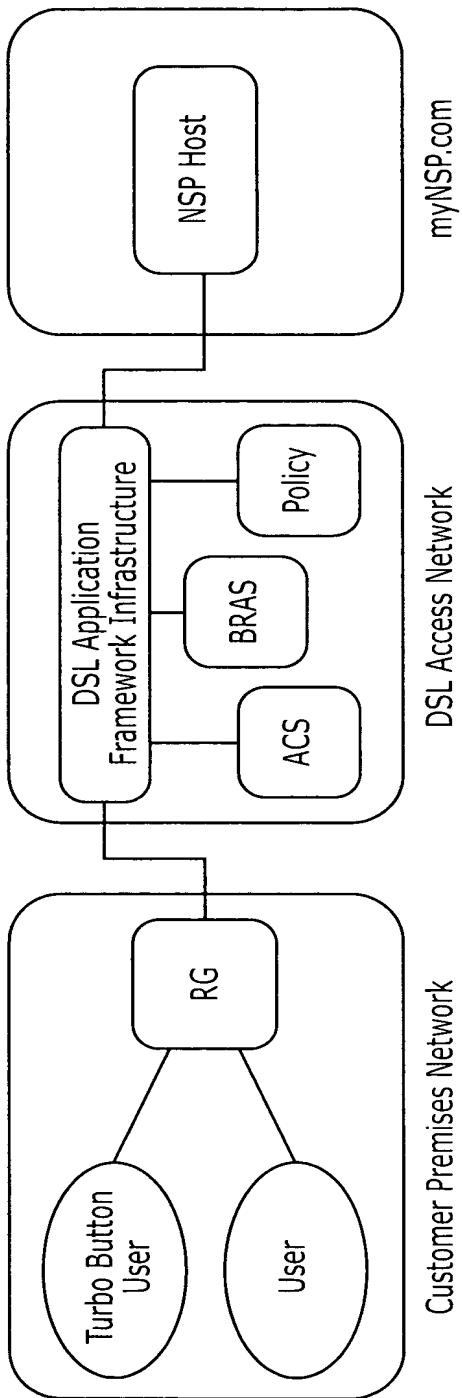


FIGURE 21

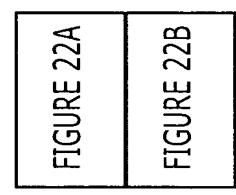


FIGURE 22

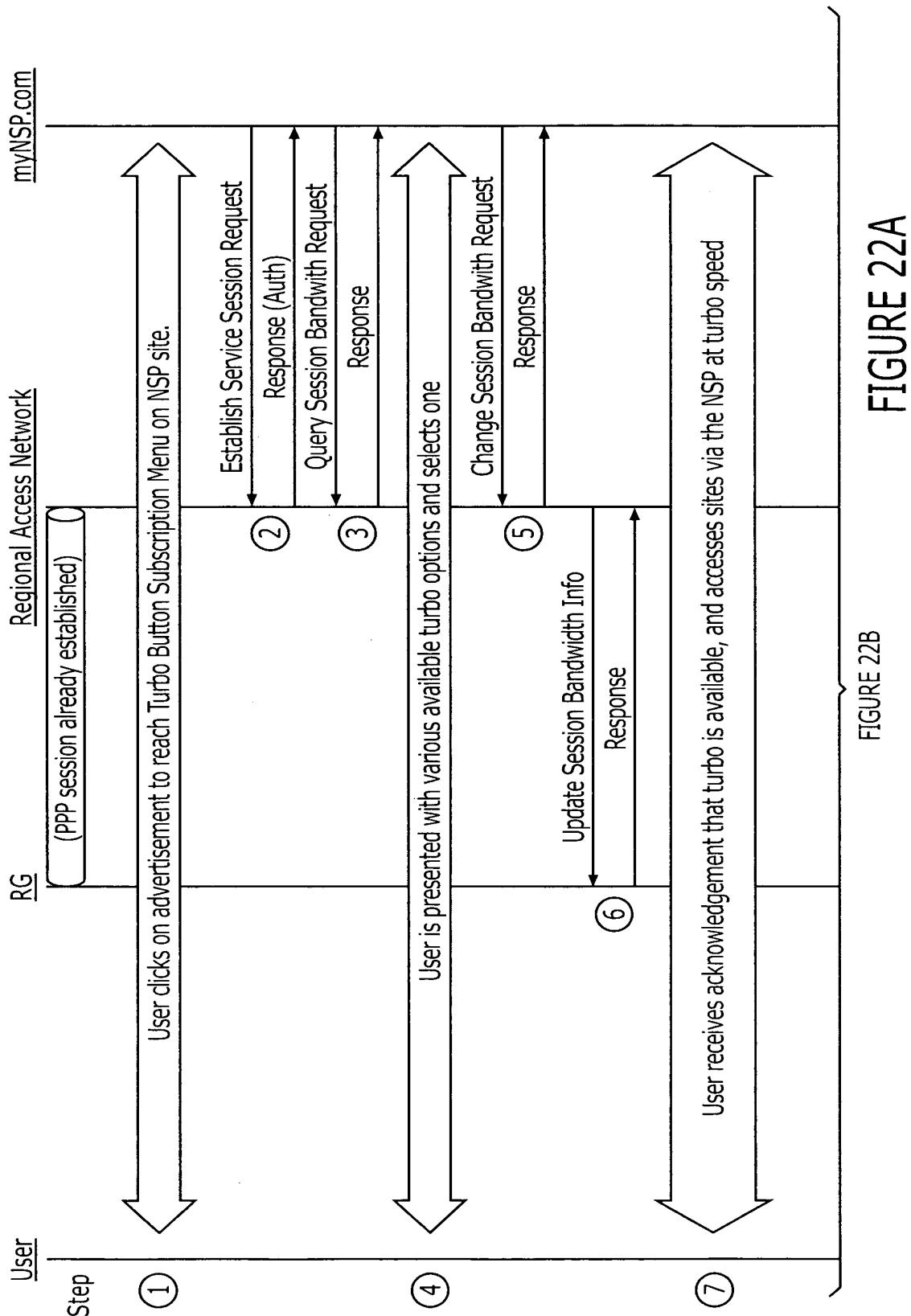


FIGURE 22A

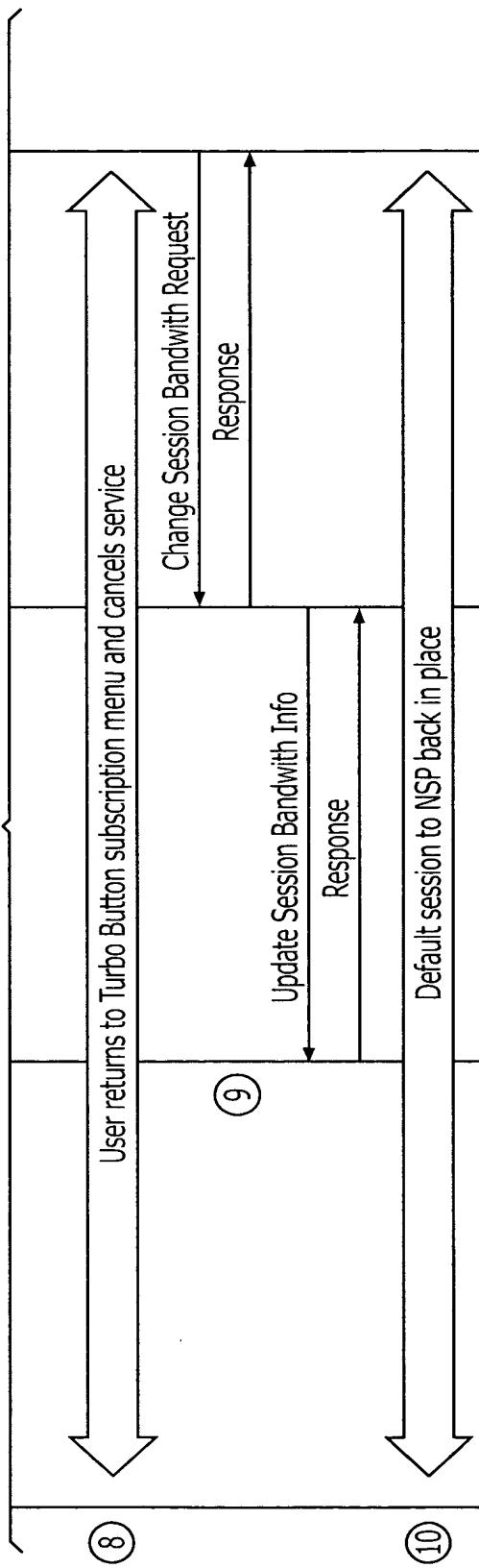


FIGURE 22B

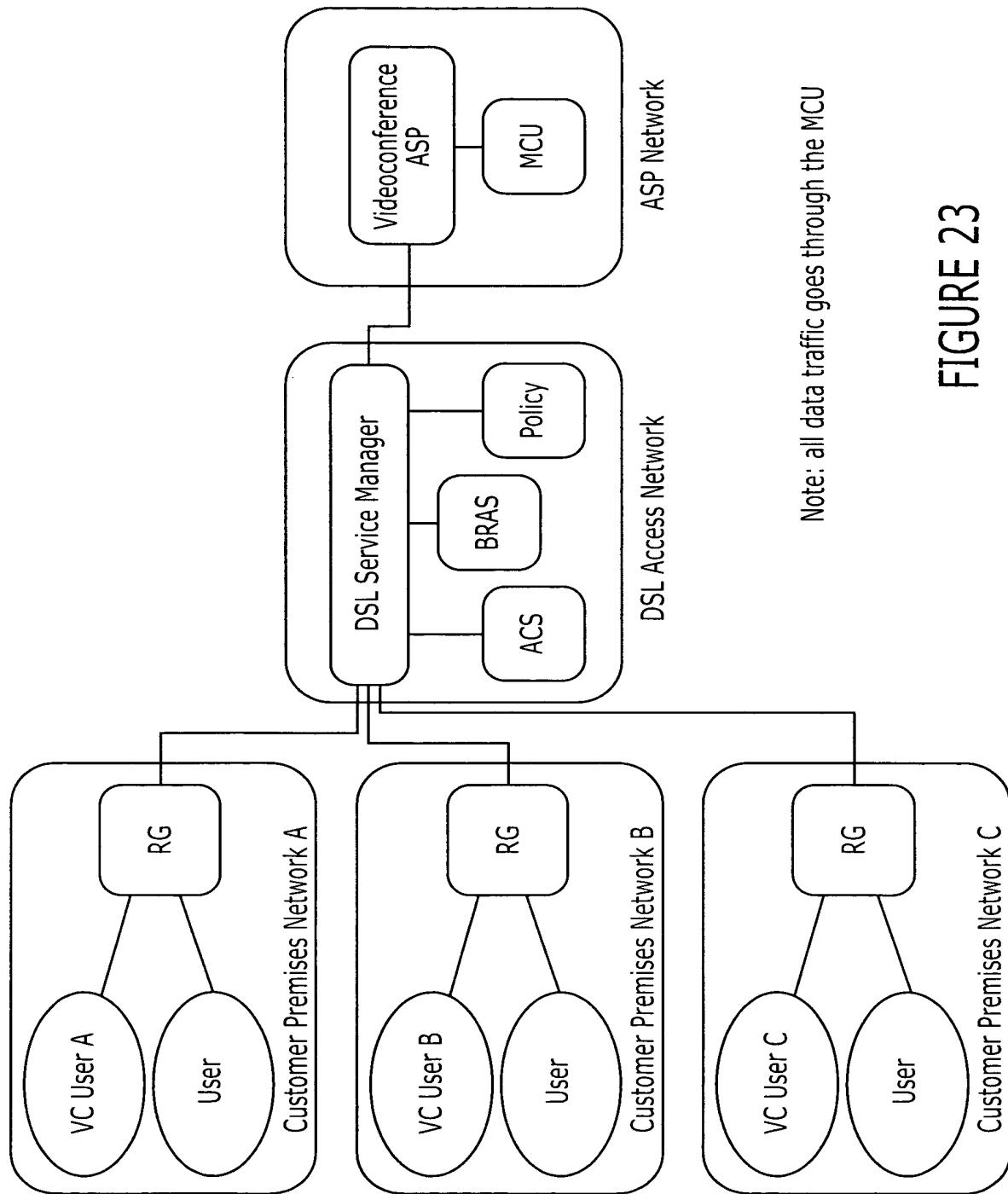


FIGURE 23

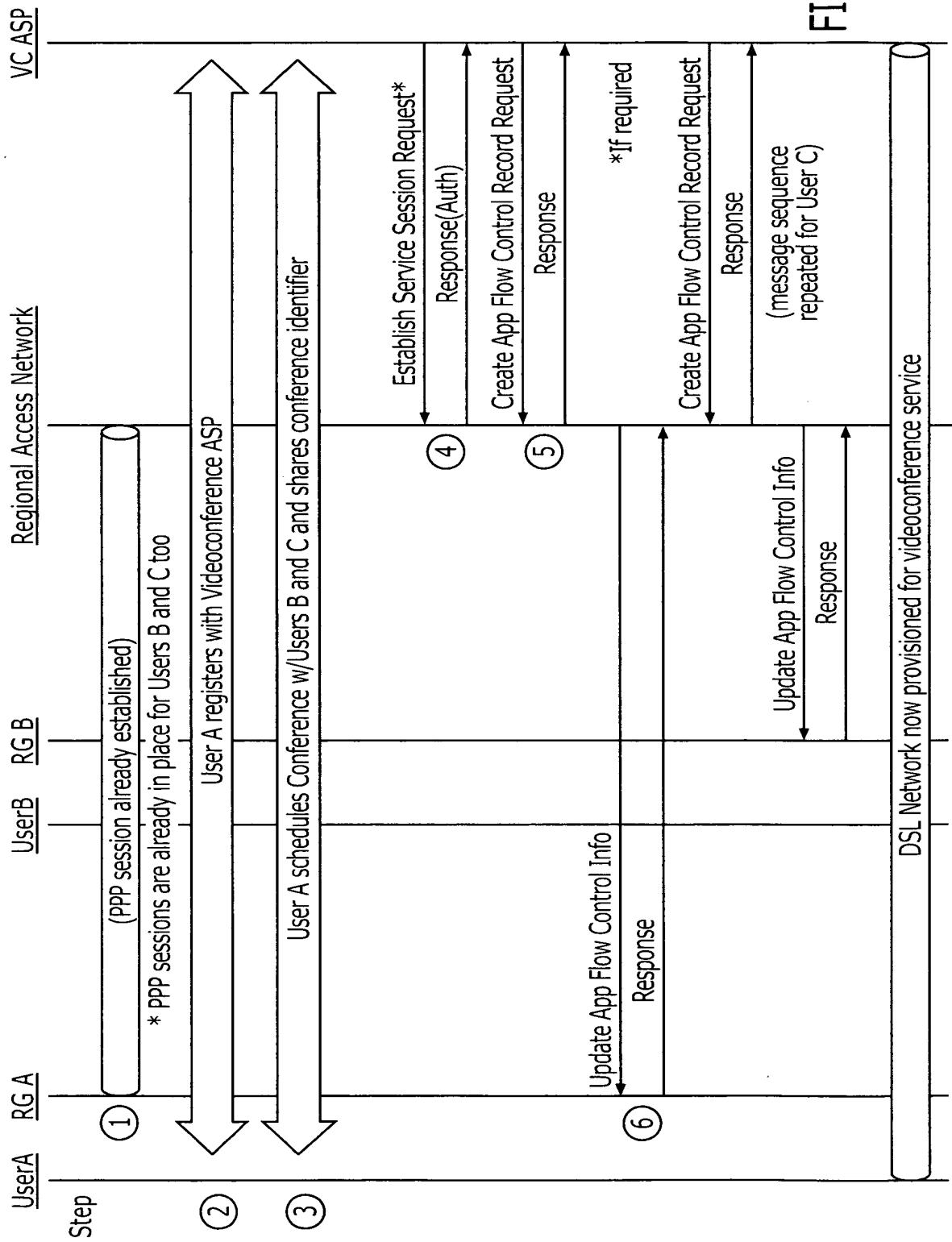


FIGURE 24

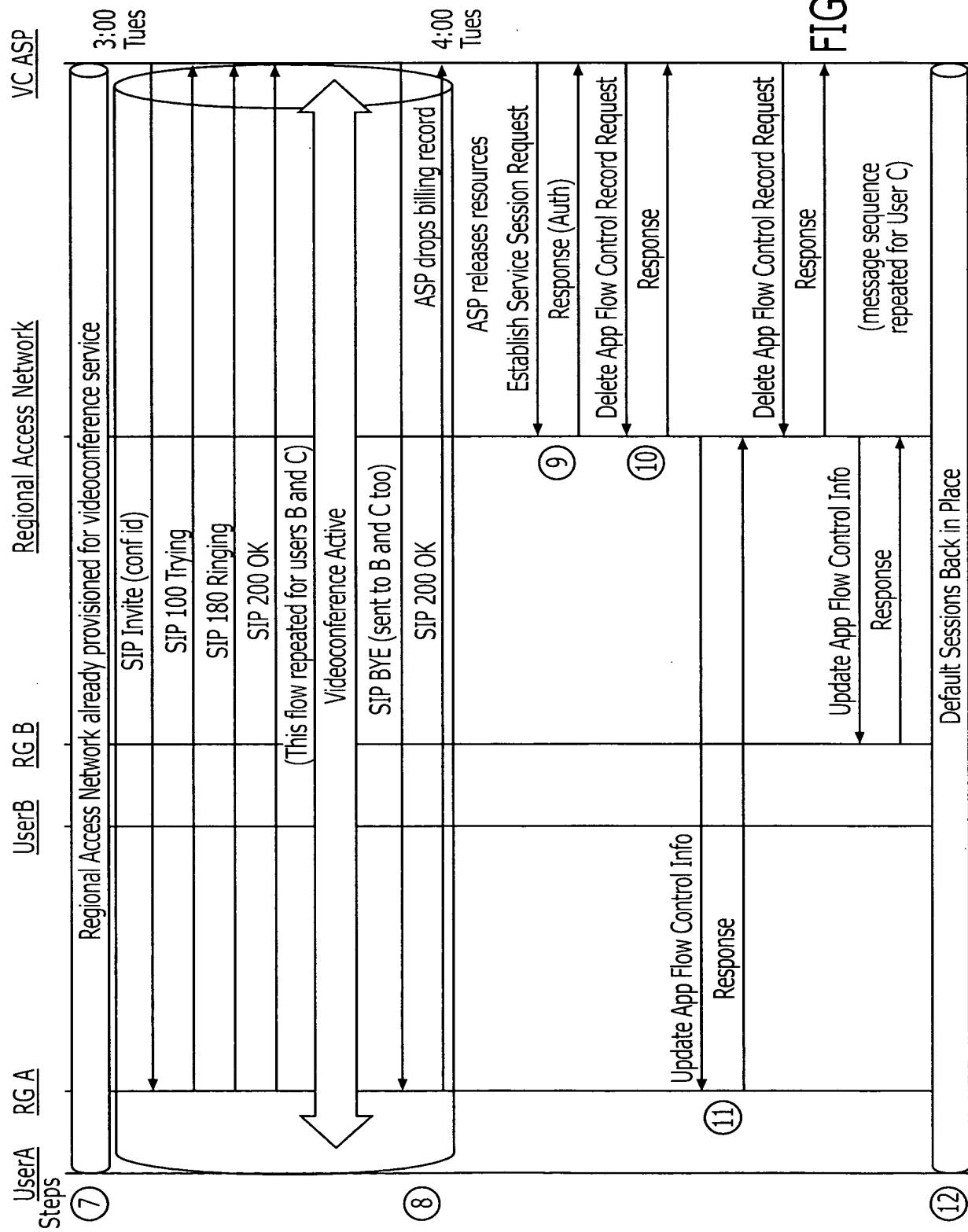


FIGURE 25

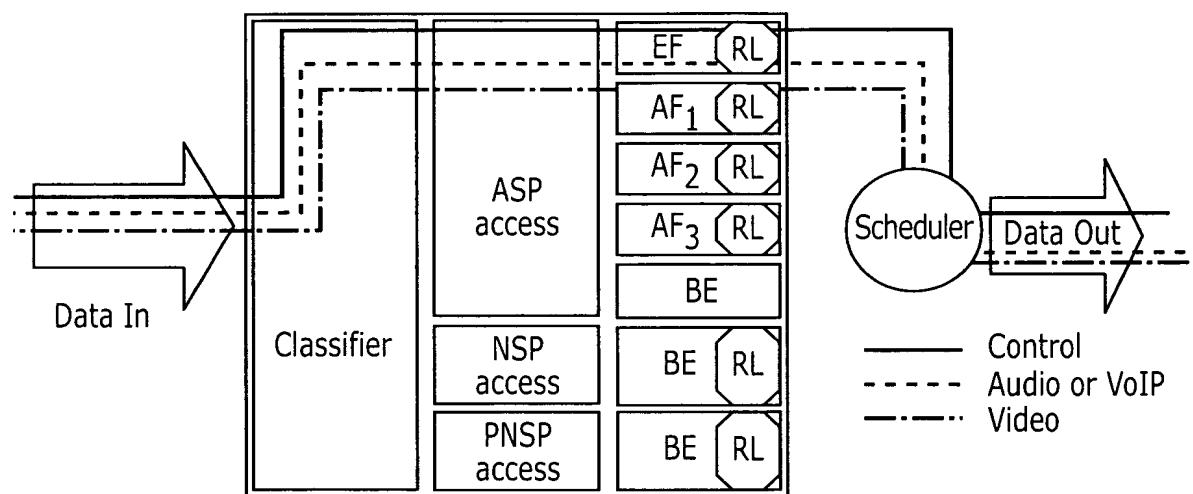


FIGURE 26

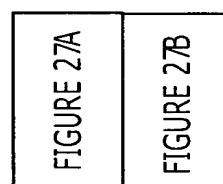
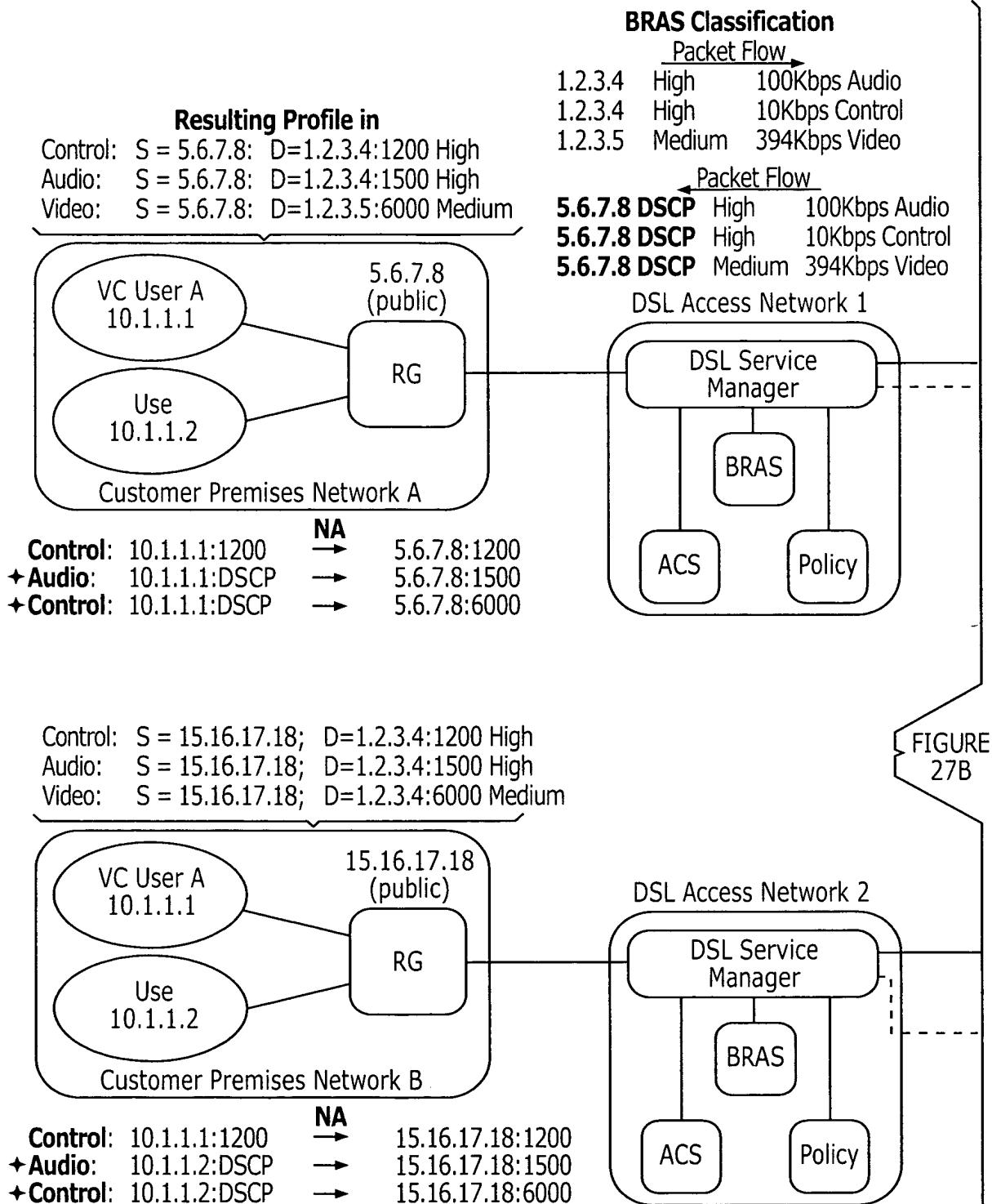


FIGURE 27



- These flows are set up dynamically at the VC client and the DSCP are assigned for the audio and the video streams. The ALG/NAT maps the 10.X.X.X ports to the corresponding IP address and ports for audio and video specified in the ACS profile based on the DSCP set by the VC client. This ensures that the RG, BRAS, and ASP videoconference MCU maintain consistent port information with regard to the various flows.

FIGURE 27A

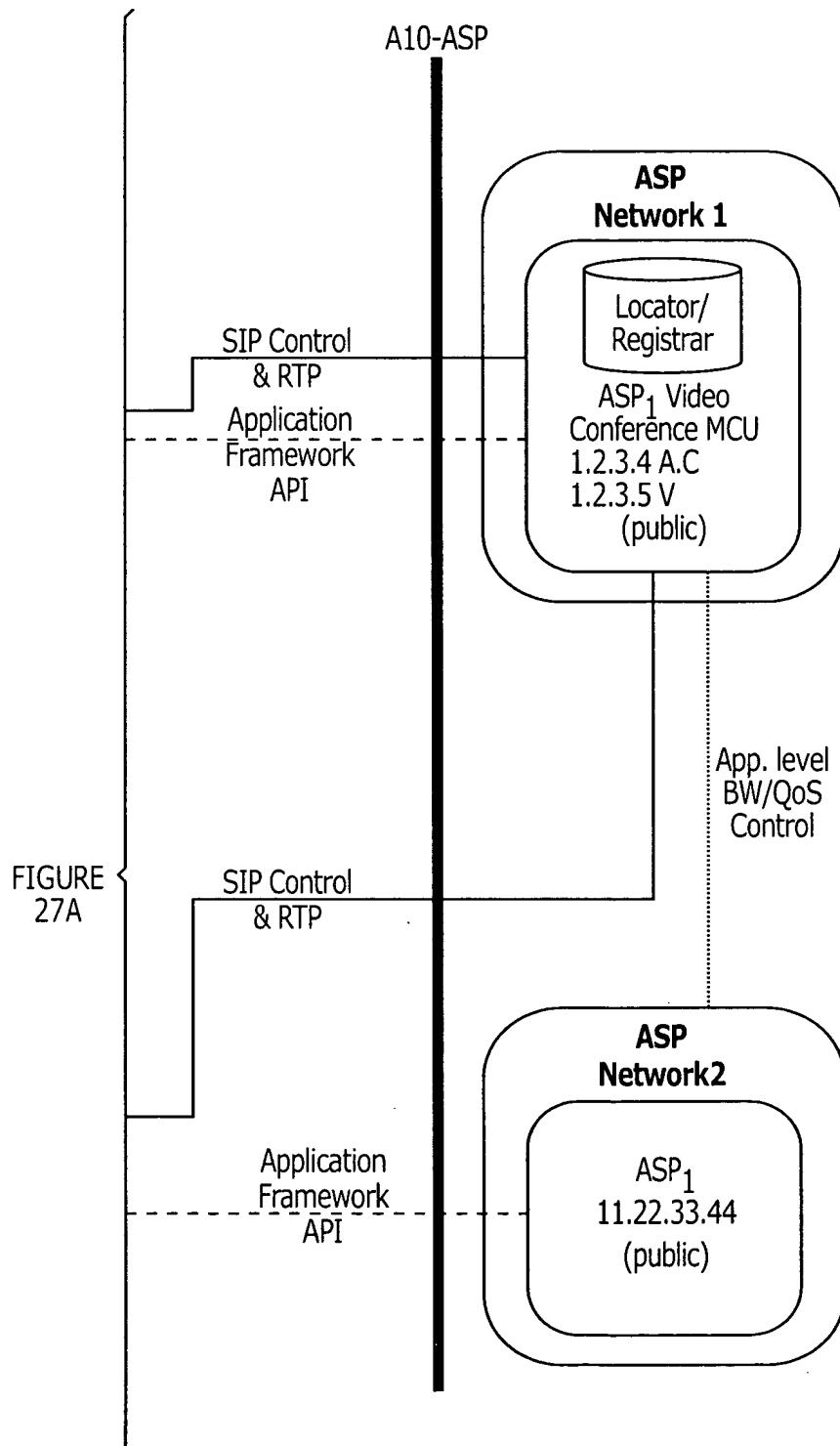


FIGURE 27B

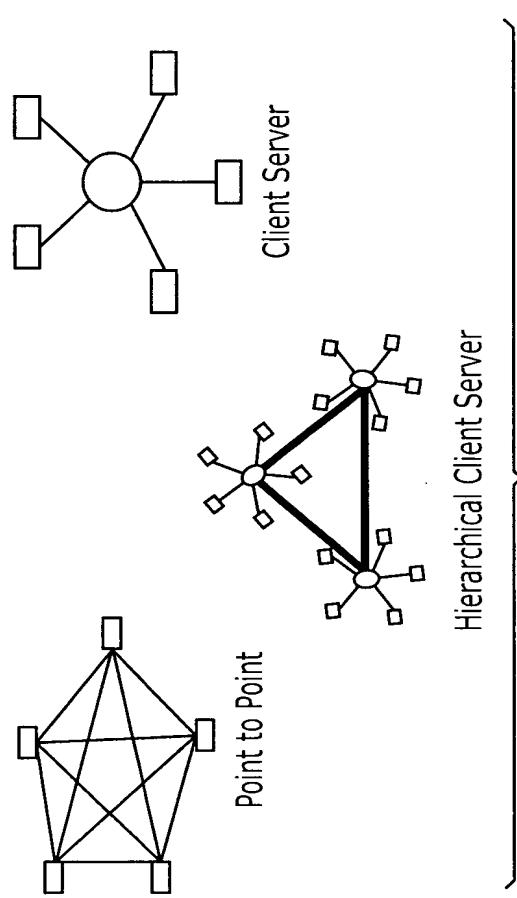


FIGURE 28

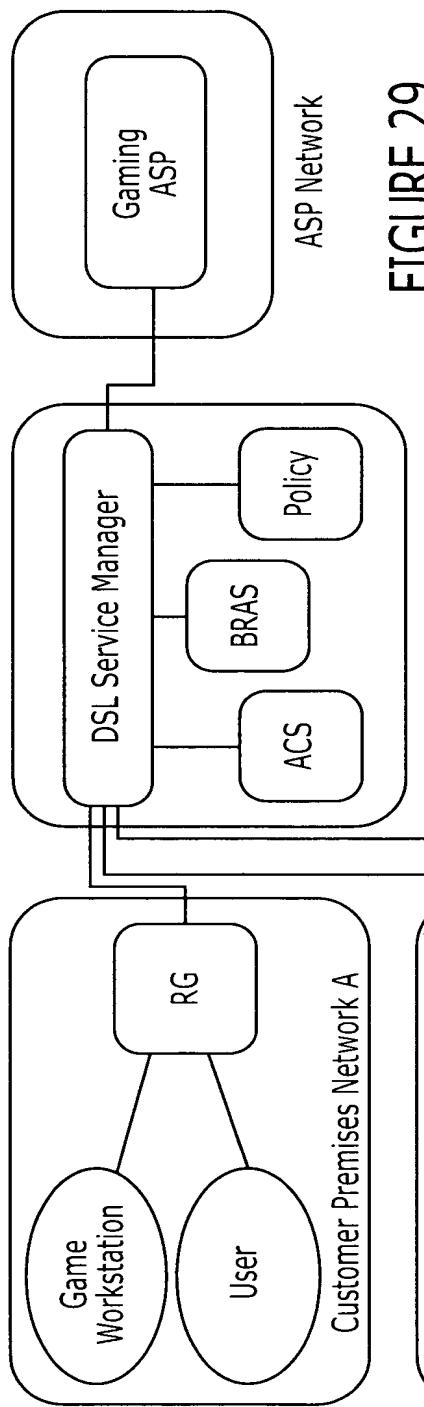


FIGURE 29

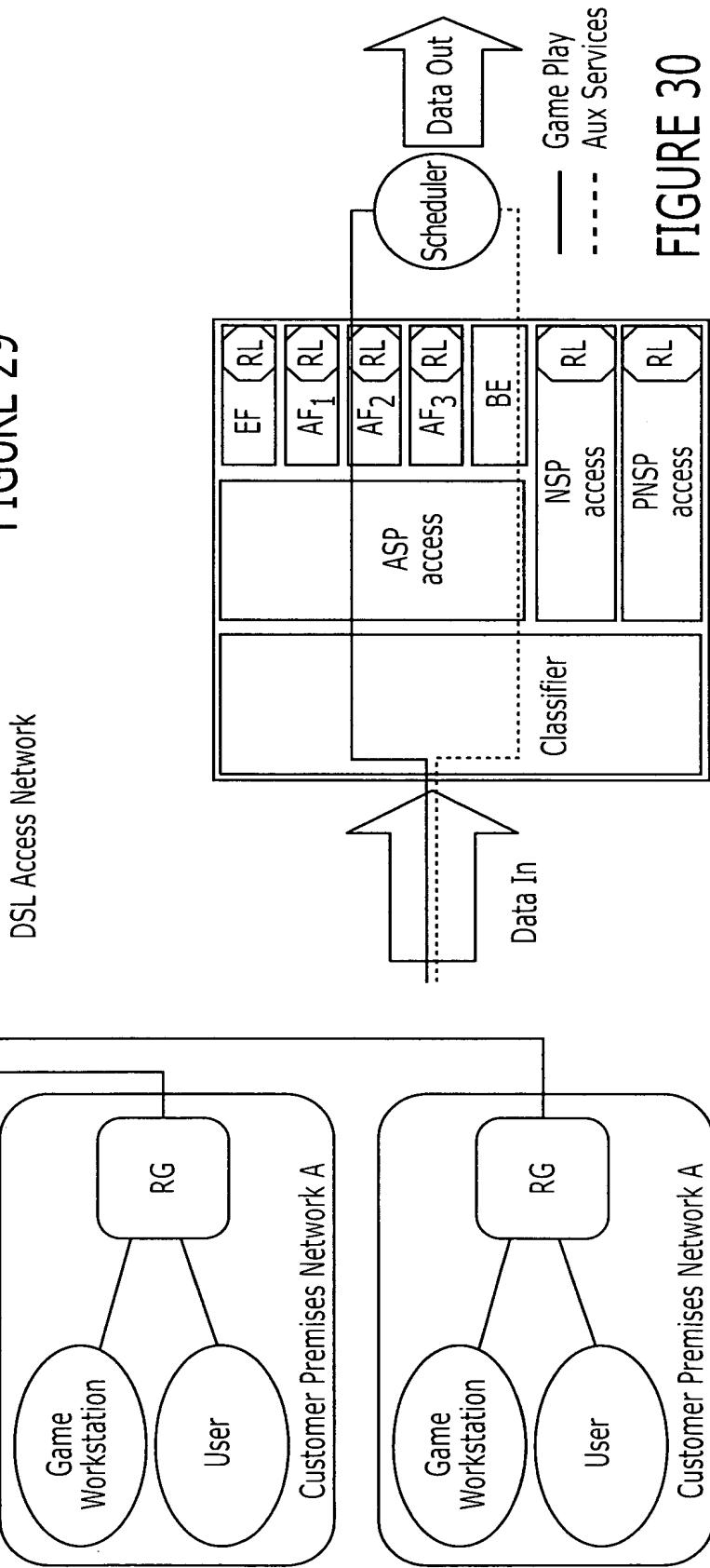


FIGURE 30

— Game Play
- - - Aux Services

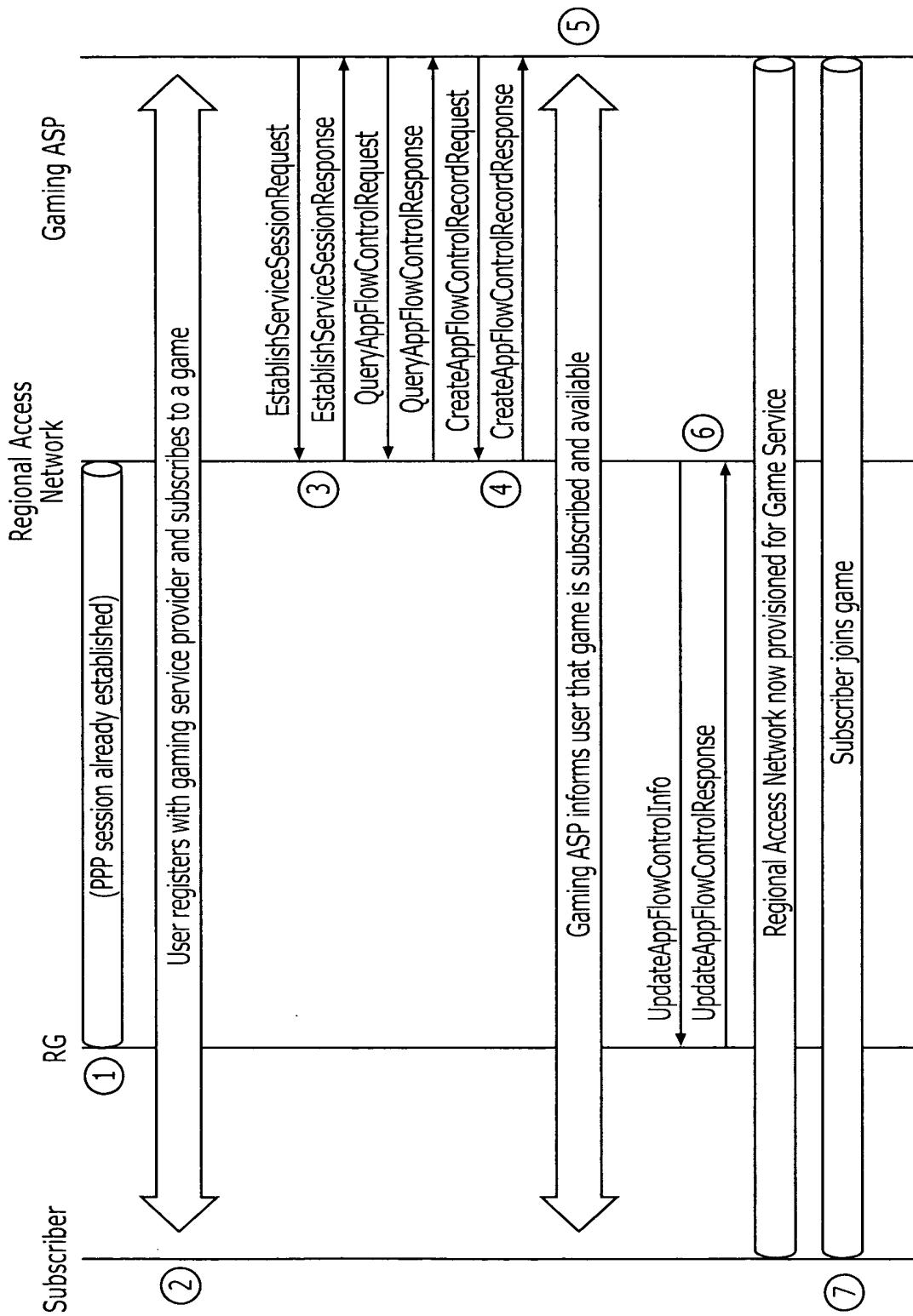
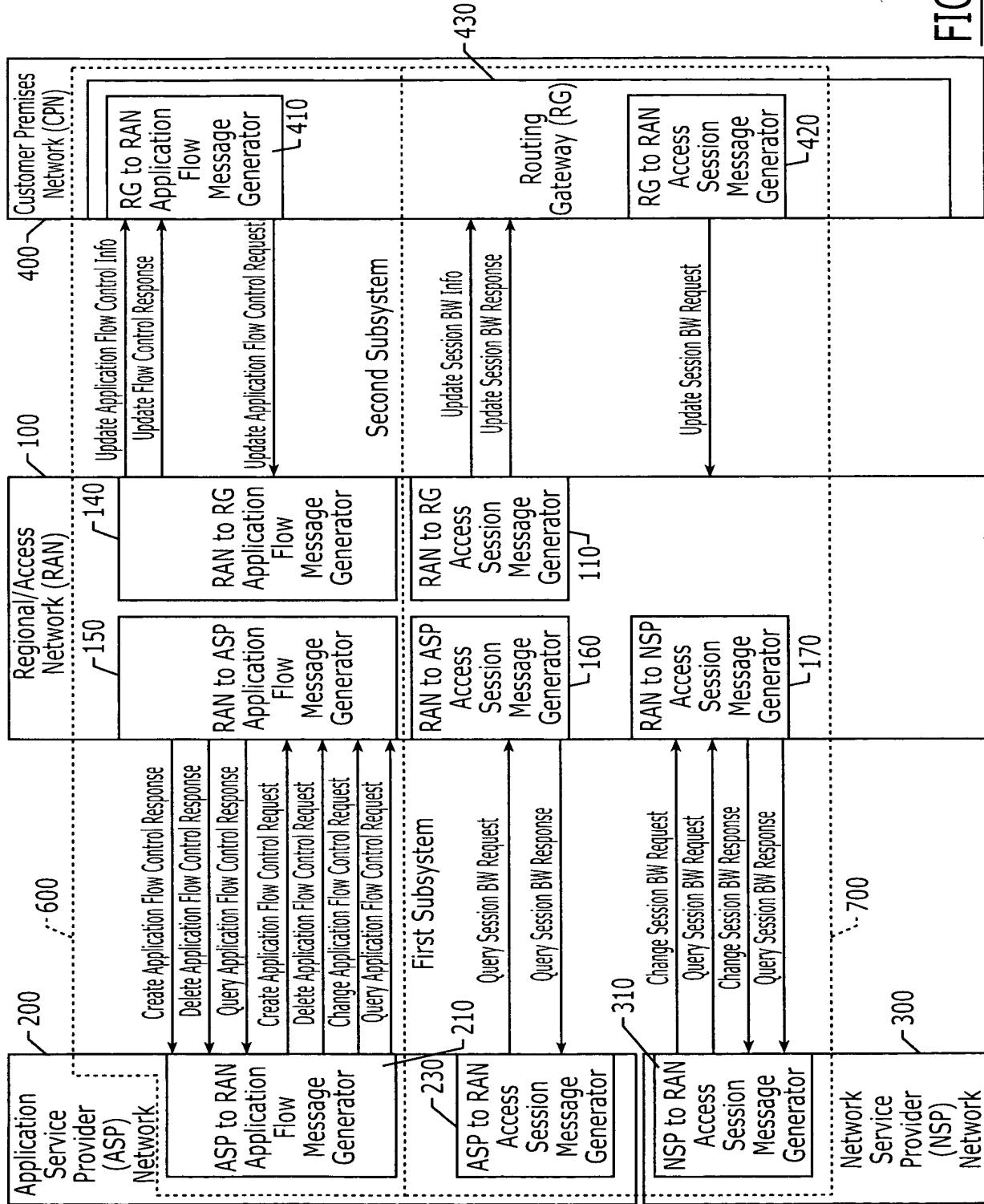


FIGURE 31

FIG. 32A



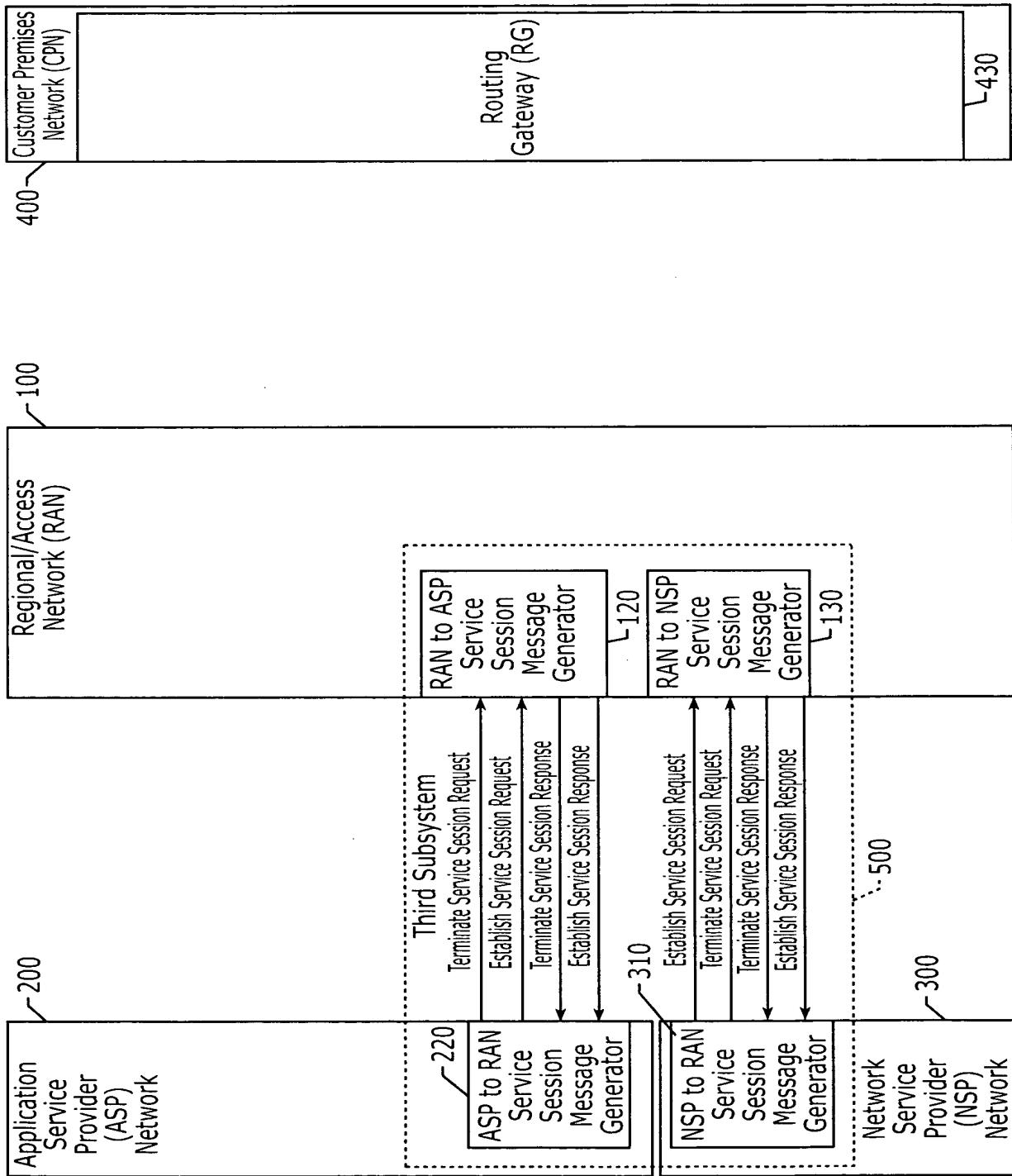


FIG. 32B

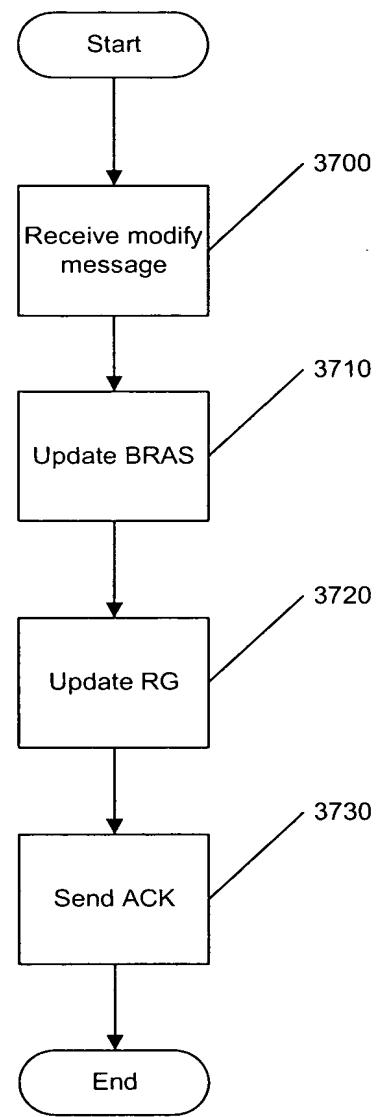


Figure 33